

THE AMERICAN

30c • AUGUST 1977

# LEGION

MAGAZINE

**DENVER**  
**CONVENTION CITY**  
**AUG. 19-25, 1977**





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46-47-48-49-50-51-52-53-54.  
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31-32-33-34.

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GREEN			
BROWN			
GREY			
BLACK			
Burgundy			

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# LEGION

MAGAZINE

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### Cover Photo

A deserted mining shack in the Colorado Rockies, the golden dome of the state capitol in downtown Denver and the sparkling modern Air Force Academy at Colorado Springs, all shown in this month's cover, are lures that await Legionnaires attending the national convention in Denver Aug. 19-25.

Photos are courtesy of the Colorado Department of Tourism and the Denver Tourist and Convention Bureau. Other photo credits include Colorado Department of Public Relations; The Bettmann Archive; Spindletop Museum—Beaumont, TX; American Petroleum Institute; Charles B. Maits; James A. Parcell; The Washington Post; General Dynamics—Quincy, MA Shipyards; Columbia Gas System—Jim Dallas; Energy Research & Development Agency.

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William J. Rogers



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ingredients and ice into tall glass.

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## NOTES ON OUR DESK

### Letters to the Editor

SIR: A June letter claims there were incidents in WWII when union seamen refused to enter war zones. I served in the Navy in WWI, in the merchant marine in WWII, sailed the Atlantic convoys, the Murmansk run and was involved in the Normandy invasion; I sailed during the Korean War and during the Vietnam conflict. I never heard of any seamen refusing to sail our ships into war zones.

PAUL J. COOGER  
*Panama City, FL*

SIR: A June letter said there were incidents in WWII when union seamen refused to sail into war zones. There were no such incidents. Moreover, it was a disgrace when seamen were drafted for the Army in the Korean War. As a merchant seaman in 1944 I fired a 20 mm. at Japanese aircraft off New Guinea.

JUSTIN K. B. FULLER  
*Guerneville, CA*

SIR: As a Salvation Army major I want to thank you for April article on the donut girls of World War I. Feel assured that the Salvation Army lads and lassies will continue to meet the need.

WILLIAM RILEY  
*Camden, N.J.*

SIR: I served in the 355th infantry in World War I and I well remember the "Donut Girls" (April issue) in the Menil-La Tour-Ansuville sector. They have our undying gratitude.

CARL JACKSON  
*Long Beach, CA*

SIR: Congratulations for the fine "Night in June" article (June.) The American Legion Magazine continues to be the best popular historical publication in the United States. But the real choice (by President Roosevelt) was not between Gen. Marshall and the romantic Churchill. It was between Marshall and the romantic Gen. MacArthur. The choice was wrong, but . . . it isn't fair to blame it all on Churchill.

JOHN W. BOWLING  
*Troy, AL*

SIR: Can you help us rally old PT boat personnel? Have them contact PT Boats, Inc., Memphis, TN, 38101.

JOHN E. TOBIN  
*Willow Grove, PA*

SIR: I have been penalized by New York City's interpretation of veterans' pension benefits. There appears no justification to limit military credit to three years. The city should follow state rules.  
IRVING SILVER  
*Brooklyn, NY*

SIR: It's long overdue, but I want to pay my personal respect to the Japanese-Americans who fought in World War II and later for the United States. All they wanted was that the Stars and Stripes stay on the pole and that everyone have a good taste of freedom. Give them credit.

ROBERT F. DRISCOLL  
*Dassel, MN*

SIR: The Remagen bridge article (June) brought back memories of the 667th Field Artillery Bn. when we supported the 9th Armored Division's drive to the bridge. We fired day and night during this operation—12,882 rounds of 155 mm. ammunition—and burned up two howitzers by exceeding, on orders, our maximum fire per minute.

RALPH J. KING  
*Tampa, FL*

SIR: I am a veteran of World War I. I believe women should see service in government when needed, but not in combat.

MRS. NINA M. KELLY  
*Gulfport, FL*

SIR: I disagree with those who feel American women would let us down in combat, or any other situation. Give the women a chance; they can't get our country in any worse mess.

RAYMOND ROBISON  
*Centralia, MD*

SIR: Women contributed vastly in every American war. Those who decry the idea of women in combat should keep in mind that none would be forced there. . . . It sickens me to read criticism of the term "MS." I'm for ERA (the Equal Rights Amendment) all the way.

DAVID BRINEGAR  
*Tucson, AZ*

SIR: WWI veterans are praying that President Carter will support a pension. Please keep fighting for us before we have all gone West.

EDWARD G. ANTHONY  
*Cleveland, OH*



SIR: The only other WWI veteran in my Legion post has not renewed his membership, saying he wasn't quitting the Legion, but that the Legion had quit him and all the others who founded it. We need a pension. There are only about 800,000 of we WWI vets remaining. By the time we are down to 500,000 there might be a pension bill and by that time a lot of veterans' and widows' suffering will be over.

H. G. AGLER  
Warren, OH

SIR: All WWI veterans must get behind pension bills HR 55 and S450 and write their congressmen and senators.

FRED W. TOLMAN  
GLEN MICHELS  
Fresno, CA

SIR: Now is the time to help the few remaining World War I veterans.

MRS. CHARLES FUTORAN  
Los Angeles, CA

SIR: Under no circumstances in the present world situation should the U.S. give up our legal rights in Panama. It would be inhuman to grant the tyrannical forces in Panama the right to despoil a lawful community. It would also jeopardize our national security.

JESSE B. MAYFORTH  
Ft. Lauderdale, FL

SIR: The June article on the DC-3 (C-47) was very apropos. The C-47 also towed my CG4A glider for airborne troops during WWII.

WALTER SOWEK  
Pittsburgh, PA

SIR: Thank you for printing the picture of the three unknown GIs taken with the French family (May.) I already have received two identifications.

RICHARD ARRANDALE  
Sidney, NY

SIR: A June article contends the Labor Dept. and state Job Service agencies have not pursued vets' assistance programs. Veterans are given priority in referral to jobs, although state agencies also are requested to give special emphasis to the economically disadvantaged, older workers, handicapped individuals and others. Job Service offices should be judged on priority and referral, not entirely on the number of veterans placed.

CHARLES F. DAUM  
Lakewood, CO

SIR: As a 100 percent disabled veteran of World War II, I agree with President Carter's pardon of Vietnam war resisters.

ERNEST L. PETRY  
Crowley, LA

SIR: In response to critics of President Carter's Vietnam pardon, what about our "patriotic" men who were eligible to serve "their" country in the late '60's, but instead overflowed our colleges to avoid service?

ROBERT CROTTY  
Hampton, NH

SIR: The letter writers protesting the Carter pardon should put as much effort into having Congress place illegal aliens under arrest and have them work 60 or 90 days on public works to cover their fines and expenses. Then there would be more jobs for veterans. The aliens could be held on unoccupied military bases.

WESLEY L. KINSER  
Fort Worth, TX

SIR: A lot of Vietnam vets employed by the U.S. Postal Service are concerned about our jobs. If mail delivery is cut from six to five days a week a lot of Vietnam vets would be cut to only two hours a day and forced to quit our jobs. We don't want to add to the 17.1 percent of Vietnam vets out of work.

DAVID A. VAZ QUEZ  
Hawthorne, NJ

SIR: I read where some officials would place the disabled veteran under the Department of Health, Education and Welfare. I never heard a more stupid proposal. Veterans must band together and fight for their rights.

RICHARD C. BUSSELLE  
Walla Walla, WA







## The Commander's Message

# Our Denver Convention Faces Crucial Decisions

**T**HIS is my last message to Legionnaires in the role of National Commander. In a few weeks the flags of office will pass to a more deserving veteran and I will rejoin the blue caps in the ranks of the finest organization in the world.

My year as your commander has been a mixed year.

As I look back, I see how far we still must travel. There is so much to be done for this great country we love. The national convention in Denver Aug. 19-25 faces decisions that will weigh heavy on the future course of The American Legion.

National commissions will wrestle with such basic questions as the integrity of the VA hospital system; the growing threats to veterans preference in government employment; the value of an honorable discharge and benefits honorably earned in military service; the pension pleas of inflation-wracked veterans of World War I; the job pleas of frustrated veterans of Vietnam who can't be blamed if they feel like "second-class" citizens expected to rely on glossy but unproductive government programs.

Other commissions must address themselves to national policies and programs that suggest sharp changes of direction in American foreign policy—military and political.

Do we continue the good fight to defend the Panama Canal as a basic building block in a global American defense? Do we risk a unilateral troop withdrawal from South Korea on the strength of implied promises from Moscow and Peking that Communist North Korea will not launch a new adventure? Do we "adjust" our view of Communist Cuba at a moment when Fidel Castro seems to be intensifying in Africa his role as a Soviet puppet? Do we continue our honorable commitment to defend Taiwan? Do we continue to insist that American military might be second to none; do we press for cruise missiles, B-1s, Trident subs, or do we accede to strategic arms limitations with the USSR—limitations that we know cannot be verified by absolute, on-the-spot inspection?

Do we continue to insist that the evolution of southern Africa to self-determination be orderly and consistent with the national security interests of the United States? Do we insist that Washington make every effort to counter Soviet ambitions in the Sub-Sahara?

If we stand firm alongside NATO, how shall we assess "Euro-Communism" in Italy, France, Spain and Portugal?

The energy crisis is real. This issue of your American Legion Magazine examines many facets of it. Should it affect our basic commitment to a just peace in the Middle East?

We are told it is a changing world. I'll believe it. But sometimes it seems that the more things change, the more they are the same. If history were *linear*—if man moved steadily from one plateau to another, always achieving more economic security, more knowledge, more freedom—moments of change would be welcome ones. But often history has proved *cyclical*. Too often, we seem bent on forgetting and then repeating the mistakes of other generations.

I wish I could take my leave with a jaunty salute and a reassuring word that all is well. In truth, I don't know. But I have confidence in the collective view of American veterans. Out of the Denver convention, I know, will come guidelines that we can all live by, guidelines that will protect the best interests of this United States of ours and will rally thousands more veterans to Legion ranks.

A year as your national commander has not made me a statesman—not even a politician. I'm not an expert on anything but my wife's cooking.

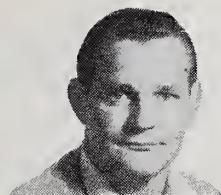
But I am acquainted with the men and women who make up the American Legion. I've had the wonderful good fortune to meet thousands of you across the country and across the world. I'll tell you one thing: there is no generation gap among Legionnaires. Whether they served in the Meuse-Argonne or at DaNang they want the same thing—a sane, safe and challenging life in a secure and prosperous America.

With that in common, I know the men and women who gather in Denver are going to look tomorrow in the eye and chart a proper course.

*William J. Rogers*



# BE A



**JOHN KOLIELNIK**  
(Los Angeles, Cal.)  
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**HARRY PROVART, JR.**  
(Duquoin, Ill.)  
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**IDEAL F. BALDONI II**  
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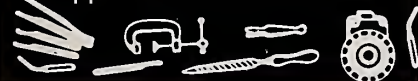
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# Denver

## CONVENTION CITY

Summer flowers in Rockies will lure many Legion visitors to Denver. Other attractions for tourists at left include (top to bottom): home of "Unsinkable" Molly Brown, Denver Art Museum and Eisenhower Tunnel



**W**HEN YOU ATTEND the 59th national convention of the American Legion, walk to the 13th step in front of the lead-gray State Capitol of Colorado with its 24-carat gold dome.

That's where Denver is 5,280 feet above sea level. That's where the "Mile-High City" gets its name.

This year the Legion takes its convention back to Denver for the first time since 1961. A lot of veterans are going to ask: "Why did we wait so long?"

Perched on the doorstep of the breathtaking Rocky Mountains, at the western edge of the broad prairies of Middle America, Denver is truly a gem among cities. It's been said that everyone who came in the last 120 years was trying to get rich; and somehow, everyone who came seems to have enriched Denver.

History has it that in 1858, a general named William J. Larimer heard about the western gold fever and abandoned farm life in Pennsylvania for the promises of riches in the sunset. When Larimer, his son and a small band of followers reached the Cherry Creek

settlement in the Kansas Territory, the general decided he had come far enough. But he wasn't a man to stand in another's footprints. He took his band across Cherry Creek and platted his own city. He named it Denver, hoping to gain the favor of Gen. James Denver, then governor of the Kansas Territory.

Whether it was a happy Governor Denver, the onset of the Civil War or the westward rush for gold, silver and other riches, Larimer picked the right spot and the right name.

Almost from the outset, Denver flourished as the "Queen City of the Plains" and today it stands as the cultural, financial and distribution center of the five-state Rocky Mountain Region. Its metropolitan area boasts 1,500,000 lucky inhabitants, all living within a glance of one of nature's spectacles—nothing less would describe the thrilling grandeur of the Rockies.

A lot of those Denverites came and stayed during World War II. More than 500,000 soldiers and airmen trained in the Denver area camps and air bases in the war years. Thousands



of their 1977 counterparts will participate in the Legion's annual convention parade Sunday, Aug. 21.

Thirty minutes whisks a Denver visitor into the mountains. Forty-five minutes will take him to Colorado Springs and the exciting vistas of the U.S. Air Force Academy. An unmatched wonderland of scenery and picturesque mining ghost towns lie within a 100-mile radius of the Legion's 1977 convention city.

It would take a shelf-full of magazines to recite all the colorful details of Denver's lusty 120 years that saw her grow from a bustling and not-always-so-demure *grande dame*. There were years in the 1870's and 1880's when the brothels of Denver outnumbered the churches and the most successful madams became racy pages in every Denver history.

That history always seems as close as yesterday. The Brown Palace Hotel where the Legion Convention will be headquartered was built in 1892 and named for Henry C. Brown, the same man who donated the land for Colorado's state capitol. Not many blocks away, on Pennsylvania Avenue, stands the Victorian home of "the unsinkable Molly Brown." Molly came from Hannibal, MO, to Colorado, where she found a husband, James J. Brown, who struck it rich in Leadville's silver mines. Molly became an international heroine in the 1912 sinking of the *Titanic* and inspired the 1960 musical and 1963 movie that guaranteed her 20th century fame.

A black woman, also named Brown, played a unique role in Denver's early history. Clara Brown, freed by her Kentucky slaveowner, came to Denver in the 1850's as a cook. She grubstaked several successful miners and with her 50 percent share of their strikes she returned to Kentucky to buy the freedom of friends and relatives still in slavery.

The first white man to see Colorado was the Spanish explorer Coronado, who led an expedition into the southern part of the state in the early 16th century and gave it its scenic name. Colorado is the Spanish word for redtinged, or ruddy. Coronado hunted gold which he did not find and he believed that one of the Seven Golden Cities of Cibola was located somewhere near the site of Denver.

The first American exploration of Colorado did not take place until early in the 19th century. An expedition led by Capt. Zebulon M. Pike reached the foot of Pike's Peak in 1806.

Indian culture in the state centers on the Ute, Cheyenne and Arapaho tribes.

Not all of the attractions of the Denver area, however, are linked with

## NORAD's Gen. "Chappie" James Is Named Parade Grand Marshal

Gen. Daniel "Chappie" James, Jr., commander of the North American Air Defense Command and one of the Air Force's most storied jet fighter pilots, will be the grand marshal of the annual American Legion Convention Parade Sunday, Aug. 21.

A veteran of 101 combat missions in Korea and 78 in Vietnam, James is the highest ranking black officer in the Air Force and one of the na-



Gen. James

tion's most decorated pilots. He holds the Distinguished Flying Cross with two oak leaf clusters and the Legion of Merit with one cluster.

A native of Pensacola, FL and a graduate of Tuskegee Institute, AL, he was involved in fighter combat training programs during World War II. In addition to his combat record in the Korean and Vietnam wars, he has commanded Air Force units in Britain, The Philippines and Libya, plus U.S. commands.

Widely known for his speeches on Americanism and patriotism, James won George Washington Freedoms Foundations medals in 1967 and 1968 and in 1970 he was awarded the Arnold Air Society award as "... fighter pilot with a magnificent record, public speaker and eloquent spokesman for the American Dream ..."

the past. The Legion's National Security Commission will tour the headquarters of the North American Air Defense Command. The NORAD under-the-mountains complex near Colorado Springs is the heart of the U.S.-Canadian bomber and missile defense system.

Sixty miles west of Denver, Legionnaires can see the 1.7-mile Eisenhower Memorial Tunnel that pierces the Continental Divide and leads to the resort areas. It bypasses 12,000-foot Loveland Pass.

Gen. Dwight D. Eisenhower has a special place in the hearts of citizens of Colorado. He came to Denver from West Point to claim Mamie Doud as his bride. The Eisenhowers visited Denver frequently during his military career and his annual trout fishing expeditions to the Rockies while President claimed national attention.

Closer to downtown is the Denver Mint, the fortress-like Denver Art Museum, the Museum of Natural His-

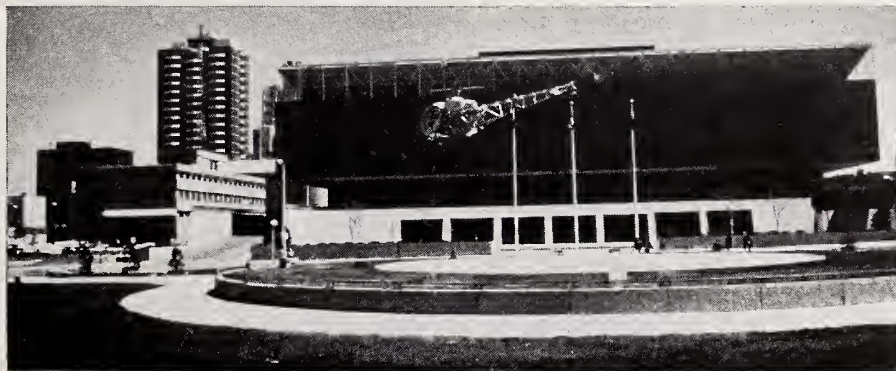
tory that offers 70-foot dinosaurs and a science fiction planetarium show. Also, attractive shopping areas like Cherry Creek and Larimer Square, that combine history with merchandise for the most sophisticated tastes.

That sophisticated taste is typified in the beautiful campanile (bell tower) that rises above one of Denver's pioneer department stores. Merchant Maj. William Cooke Daniels raised the tower in 1910. It is a perfect replica of the campanile of St. Mark's Cathedral in Venice, Italy.

Perhaps he was saying in stone: *Nothing's too good for Denver.*

Gen. Daniel "Chappie" James, Cdr. of NORAD and a premiere Air Force fighter pilot, will be grand marshal of the Legion parade. Another military highlight of the parade will be an appearance by the U.S. Coast Guard Band, which will fly in from Washington, D.C.

This year's recipient of the Legion's  
(Continued on page 40)



Currihan Hall where convention sessions will be held



# Beginning of the Victory

## *Bennington: Prelude to Saratoga, Turning Point of the Revolution*

**W**ELL before dawn on August 16, 1777, the flat thud of a cannon sounded through the forests around Bennington, VT. Brig. Gen. John Stark arose quickly from his cot and poked his head out between the tent flaps. The steady rain of the day before had lessened to a drizzle and the first faint light in the East gave promise of a clear hot day. Stark nodded with satisfaction. His 1,500 men were ready and the grim 49-year-old Scotsman was spoiling for a fight.

He dressed without haste, an erect, muscular man just under six feet, strong-jawed, with bold prominent features, a well-formed nose and jutting brows over ice blue eyes. The impact of those eyes had shaken more than one quarrelsome man.

As he dressed he ate some cold pork with corn bread and drank a small glass of rum before summoning his aide, rawboned Sergeant Reuben Abbott.

"Rally all company commanders, Reuben," he ordered. "Their men'll need plenty of powder and ball. My compliments to Colonel Warner and tell him to send a couple runners to Manchester fast. We'll need his regiment today."

Abbott nodded. Years of service under Stark had given him a certain informality.

"I heard that cannon," he said. "Burgoyne, ain't it?"

"Aye," Stark said. "Now don't waste time, Reuben. Alert my officers that I'll be making the rounds in 15 minutes. Hustle!"

"Yessir. Right away cap'n."

Although he had never been able to look on his commanding officer as more than his former captain of Rogers' Rangers, that made no difference to Stark. What counted was Abbott's loyalty.

Another cannon shot sounded. As Abbott ducked out of the tent, scout Jonathan Dore arrived, wiping the moisture from his face.

"Regiment of Burgoyne's men comin', Gen'l," he reported. "Hessians, I figger. Three, four miles away. Comin' slow 'cause their cannon keep gettin' stuck in the mud. Passel of Injuns with 'em."

"Cannon getting stuck, eh? I suppose they're firin' to jar 'em loose."

"Yep. Can't figger no other reason

why they'd be blastin' away in the dark."

"Get some breakfast, Dore. And keep an eye on those Hessians."

"Yessir, Gen'l."

Stark broke off another piece of the corn bread his wife Molly had made for him the previous week at their farm in Derryfield, NH. As he ate he thought about happenings since early last month, when news burst upon New England that Gen. Arthur St. Clair had evacuated Fort Ticonderoga before the British ad-

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### *Die was cast 200 years ago this month*

---

vance along Lake Champlain from Canada. Burgoyne had then smashed St. Clair's rear guard at Hubbards-ton despite Col. Seth Warner's heroic resistance. The retreat had become a disorderly rout.

It was a crushing defeat for the American forces in the third year of the American Revolution, but one that John Stark had foreseen in view of his opinion of St. Clair's incompetence.

Panic spread throughout New England. As a result, Stark was asked to appear before the New Hampshire General Court sitting in emergency session in Exeter. There he was asked by a worried John Langdon, presiding officer, to recruit and take command of a force of militia to protect New Hampshire and Vermont from the British. He would be commissioned a provincial Brigadier General.

"I will accept," Stark replied, "if my command will be independent of the Congress and the Army."

"You mean," Langdon said, "that you would report only to this General Court?"

"Aye," Stark said. "Or in other

words, do as I damn well please."

A roar of laughter filled the chamber. Then heads went together and there was whispered consultation.

Langdon smiled at Stark.

"We know you will always act in the best interests of New Hampshire," he said. "Yes, John, as you damn well please."

With the magic name of Stark, recruiting progressed so rapidly that early in August Brigadier General Stark was able to take his brigade of militia to Bennington, following the information that Burgoyne planned to send a raiding force of dragoons under Lt. Col. Friederick Baum to that rough little settlement to capture the stored supplies of cattle, horses and grain meant for the American Army. On August 13, learning from his scouts that this force was ready to start from the Hudson River, Stark dispatched runners to alert militia companies in Massachusetts and Vermont. He also sent word to Col. Seth Warner resting his men in Manchester, VT. The next day Warner arrived in Bennington, explaining that he had left his 350 Continentals for further rest, with orders to be ready to march immediately.

Now, with early daylight, Stark made the rounds from company to company, saw that the morale of the brigade was high and, with Colonel Warner at his side, mounted his horse and led out his homespun army. Most of the men were attired in farm clothes, loose belted tunics or shirts over breeches fastened below the knees, shapeless hats and a few tricorues. The officers were distinguished by a bit of linen dyed blue or green or red sewed onto their nut-brown coats.

Muskets carried by the men of the brigade varied in weight and manufacture for the most part, although generally of matching calibre, around .70. The most common was known as the "Brown Bess," made in England from about 1714 to 1750.

Some 30 minutes later Stark made visual contact with the enemy. Halting his men, he studied the terrain and saw that the Hessians had entrenched at the top of a rise of ground at the end of a narrow tree-fringed valley. At the foot of the hill was the rain-swollen Walloomsac

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*Hoosick Post 40 at Hoosick Falls, NY, is holding a special celebration of "Beginning of the Victory" at Bennington on August 13 and 14 in commemoration of the first American victory over the British.*





Brig. Gen. John Stark leads the American charge against British mercenaries at Bennington, VT

River. Bands of Indians, together with a number of farmers, obviously Tories, were waiting in the thickets part way up the hill.

The clouds had burned away and the sun was blazing down. Stark wiped the sweat from face and neck and summoned his officers.

"Looks as if those Hessians plan to stay up there," he observed. "Maybe we can get 'em down if we skirmish a little. If that don't work we'll go up after 'em. Seems to be enough thickets to give us pretty good cover on the way up." He looked from man to man, estimating the capabilities of each.

"Let's try flankin' 'em. Colonel Hubbard, take 50 of your best marksmen and probe on their left. Stay in the edge of those woods as much as possible." He turned to a grizzled, heavyset officer. "Colonel Stickney, you do the same on their right." To a tall, intent, young officer with the look of a daredevil about him, he

said, "Major Nichols, get to the enemy's rear with about 30 or 40 of your older men, good woodsmen. Pick out Indian fighters if you can. Try to get behind the enemy without them seein' you."

He included them all in his next order. "Don't any of you attack. I want that understood. Keep snipin' at 'em, then close in gradually. We'll stay here till you start shooting, then we'll close in."

When the detachments had moved out he ordered his main force across the river, closer to the earthworks. He waved to the fringe of trees.

"Get into that shade, boys," he told his men. "Rest while you can. No sense stayin' out here in the sun gettin' roasted."

It was nearly an hour before a musket sounded from the other side of the hill. Nichols' detachment. He'd got his men there fast enough, Stark decided, considering that he had to go a roundabout way to keep out of

sight. Another report came from the enemy's right, identifying Stickney, then Hubbard. Now the musket fire increased in volume as the men of all three detachments began sniping at the same time. Return fire came from the entrenchment, but still the Hessians stayed where they were.

"Easy," Stark told them. "I'll tell you when."

In about ten more minutes it became a steady exchange between the advance parties and the enemy. Stark stood up.

"Now!" he shouted, getting on his horse. Rising in his stirrups he pointed with his sword to the entrenchment. "There, my boys, are your enemies," he roared. "You must beat them or Molly Stark sleeps a widow tonight!"

They followed him, cheering. But being woodsmen most of them did not advance steadily against a hot enemy fire. Instead, after firing, they ducked down behind a boulder or a



tree, loaded, ran forward and fired again, then took what shelter they could find and repeated the process, thereby giving the bewildered enemy little target to shoot at.

Stark led the way. He felt the exultation he always felt in battle.

His mind was clear, unclouded. Nothing escaped his attention: the huge Warner riding by his side, giving out bloodcurdling war whoops and holding his pistol ready to fire at any enemy who showed himself; Indians running from the sparse shelter of their thicket for the woods, many of them cut down by Stickney's marksmen; gunsmoke from within and all around the earthworks drifting up into the withering heat of the day; a little black dog running in circles, snapping at the flecks of dirt

spare powder in the tumbril had blown up, Stark yelled, "Now's the time, boys! Come on!"

Enemy volleys increased as if the Hessians were brought to the point of desperation by the loss of their powder reserves. Undaunted, the militiamen charged up the slope behind their general and over the breastworks of earth and downed trees, shooting, knifing and clubbing down the enemy. Having no bayonets some of the men used hatchets to cut down opposition. Stark saw a chubby little drummer boy not more than 13 years old run screaming at a big dragoon, hit him in the face with his drum and start kicking him in the shins. Dismounting quickly, Stark grabbed the youngster from the grasp of the furious trooper

running to him, his face streaked with sweat, his mouth blackened from gunpowder.

"Another regiment comin', Gen'l," he panted. "Colonel Christoff Breyman commanding."

So the day's fighting wasn't over yet. He should have known that Baum, learning the size of Stark's brigade, would send back to Burgoyne for reinforcements.

He looked around him. Men, laughing, yelling, joking, were rounding up the prisoners, ripping open the Hessians' baggage, collecting souvenirs, picking up muskets and bayonets. Still others were splashing gratefully in the cool river.

Stark's voice cut harshly into their revelry. "Form ranks!" To the officers he snapped, "Line up your men, quick! Another regiment's close on us!"

The men paused in their celebration, but only for a moment before returning to their plundering. Another regiment? That must be one of the general's jokes. Well, let him joke. They'd all have a good laugh when he finished, and then they'd go home with a collection of enemy equipment that would make their folks' eyes bug out.

Stark strode angrily among them.

"I said, form ranks!" he repeated, and the whip lash of his voice brought him their instant attention. "The man who fails to obey will have me to deal with. FORM RANKS!"

Seth Warner lumbered to Stark. "My men are most here," he reported. "The rain held 'em up—had to stop and dry their guns."

Distant cheering was heard. As it grew louder Warner's Continentals swung into view. Stark's spirits lifted. Three hundred and fifty fresh, battle-tested troops! He nodded his thanks to Warner and gave him an order. "Split your force and wait till we open fire. Then we'll hit 'em with everything we've got!"

Next he ordered Hubbard and Stickney to proceed along enemy flanks as they had against Baum. "Ambush 'em!"

He added another order to Colonel Herrick. "Take a detachment to the enemy rear as soon as we meet up with 'em. Don't wait for any further orders. Open fire when you get the chance."

Stark took his militia forward for about a mile before deploying his men under cover to the left and right. For a time all was quiet in the valley, then as the front ranks of the new regiment appeared around a bend in the muddy road, musket fire sounded from his three advance de-

*(Continued on page 40)*



"Green Mountain Boys" plot their next move against the British

thrown up by enemy bullets and barking furiously. There was gaunt Parson Thomas Allen with the Berkshire militia, standing on a stump, haranguing the line of slowly retreating Tories, shaking his fists at them and shouting above the increasing clamor, "You men of Pittsfield! You traitors to the cause of liberty! Come back before it's too late! Come back, you blackened sinners, back into the ranks of freedom!" Stark saw the Tories thumb their noses and fire at him, causing the parson to scramble hastily to the rear. Even in the heat of battle it was funny and Stark chuckled.

The firing was almost continuous now, the reports of the muskets punctuated by the banging of enemy cannon. Suddenly, from inside the entrenchment, a column of smoke arose that was more than the smoke of the guns. Cries of alarm sounded simultaneously with a flash and a tremendous explosion.

In the unexpectedness of it both sides ceased firing, but only for a few seconds. Guessing that the enemy's

whom he dispatched with one stroke of his sword.

He turned the drummer boy away. "Come, laddie, get down to the river and cool off."

Whitefaced, the boy stared up from his first confrontation with violent death. Then recognizing Stark he saluted awkwardly. "Yessir, Gen'l," he stammered, and ran to obey.

Hubbard and Stickney were moving in deliberately, loading, aiming, firing. Stark nodded approvingly. "That's the way to do it."

The Hessians were beaten and knew it. Some of them tried vainly to break through the encircling lines and reach the woods; others dropped their weapons and raised their hands, while still others, seeing their commanding officer Colonel Baum fall mortally wounded, surrendered and called for quarter. The battle was over.

"Cease fire," Stark ordered. "Secure the prisoners and tend to the wounded." He felt spent from his exertion and the brutal heat, but there was to be no relief. Dore came



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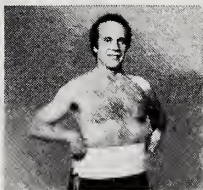
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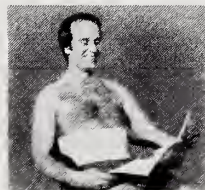
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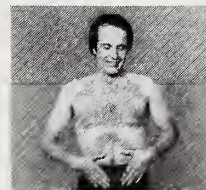
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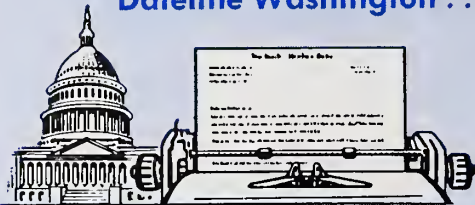
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Woman: waist size \_\_\_\_\_



## Dateline Washington . . .



## COMPUTER SALE TO SOVIET UNION HALTED. SOFTER STANCE ON COMMUNISM SEEN. IS CONGRESS GIVING CARTER A HARD TIME?

In the nick of time, the Administration has halted sale of America's most sophisticated, advanced computer to the Soviet Union. The White House notified the Commerce Department, which handles export licensing, to call off the deal between Control Data Corp. and the Kremlin. Bellwether in the campaign to bar the sale of the Cyber-76 computer is Rep. Robert K. Dornan of California, a freshman congressman. Dornan contends there is no way to prohibit the Soviet Union from using the Cyber-76 for military purposes. The Soviet Union ordered the computer from Control Data ostensibly for weather studies but it can be used to track missiles and for a host of other military purposes.

Halting this sale will give Congress the opportunity to take a whole new look at exporting sophisticated American technology to the USSR. The Soviet Union is years behind the United States in research and development of computers, but once an American model is at hand the Communists can duplicate it.

But there is puzzlement in Washington about the Administration's seemingly softer stance against world Communism, an issue already arousing national debate. During Henry Kissinger's eight-year reign (under two Republican Presidents) over foreign policy, he maintained continuous pressure against Red expansion, especially against Euro-Communism in France and Italy. The new U. S. policy today, however, is tantamount to non-interference in European affairs and Dr. Kissinger has warned that we may be giving the Euro-Communists and our allies the wrong impression.

Meanwhile, Sen. Daniel P. Moynihan has publicly charged President Carter with downgrading the "central political struggle of our time—that between liberal democracy and totalitarian communism." The New York Democrat is particularly irate over Administration efforts to get U.S.-USSR cooperation in aiding the developing nations. Russia has but one policy to all non-Communist countries, says Moynihan: the worse, the better.

Washington observers insist there's little reason for anyone to be surprised

that Congress—an overwhelmingly Democratic Congress—is giving the first Democratic President in eight years a hard time with his legislation. The clash is inevitable, they say, because the White House and Capitol Hill have vied for supremacy over each other (and the Supreme Court) ever since the creation of the government under the Constitution.

Today, despite President Carter's continuing popularity with the public at large, Capitol Hill is reluctant to give up its present strong position vis-a-vis the White House.

### PEOPLE & QUOTES

#### QUICK RELIEF

"People with problems, like people with pains, want relief, and they want it as quickly and inexpensively as possible." Chief Justice of the United States Warren Burger.

#### FREE TO DO GOOD

"Let me propose that . . . we take as our major motto what I would like to see as an 11th commandment: that everyone shall be free to do good at his own expense." Nobel Prize Winner Milton Friedman.

#### EURO-RED THREAT

"We cannot fail to reckon the setback to European freedom that will result if Communist minorities gain decisive influence in European politics." Former Sec'y of State Henry Kissinger

#### CHALLENGE FOR RUSSIA

"We are challenging the Soviets to cooperate with us or run the risk of becoming historically irrelevant to the great issues of our time." President's Nat'l Security Adviser Zbigniew Brzezinski

#### ENERGY DECISIONS

"Like almost everything else in this practical world, our energy decisions will be made on the basis of economic considerations, rather than fear, anger or appeals to patriotism." Honeywell President Edson Spencer.

#### REVOLUTION EASY

"It is easier to run a revolution than a government." Philippines President Ferdinand Marcos.

#### FRESH LOOK AT TAXES

"We have to look at the whole spectrum of taxation. We can't just continue loading everything onto income taxes." House Ways and Means Committee Chairman Al Ullman.

#### NEW ERA

"There should be a new international economic system. In that system, there must be equity; . . . growth; . . . but above all . . . justice." Sec'y of State Cyrus Vance.

#### ONLY ONE ROAD?

"The Russians say that there are many different roads to socialism, and that sounds good to new nations. But the United States seems to be saying that there is only one road to democracy." Prime Minister of Singapore Lee Kuan Yew.

#### HOUSE VIEW I

"The fact of the matter is that virtually everything that happens in the House of Representatives is predictable." Rep. Ronald Dellums, CA.

#### HOUSE VIEW II

"Today, 90 percent of us who walk through the door really do not know what we are voting about." Rep. Richard Ichord, MO.



## BOOKS THAT MATTER

**The Last Six Months**, by Gen. S. M. Shtemenko. Doubleday & Co., Inc. Pub., New York, NY, 436 pp., \$10.

During late 1944 and early 1945, Americans read in minute detail of the advance of Allied forces on the western fronts against Hitler. But the surge of the Russian Army from the east was only a constantly shifting line on the maps of Europe. What really happened? This book, written by the then deputy chief of staff of Stalin's General Headquarters, fills in many gaps. There are propaganda elements and some revisionist history, but the chapters on Russian military operations against the Nazis will fascinate World War II vets.

—Ray McHugh

**Mind As Healer, Mind As Slayer**, by Kenneth R. Pelletier. Dell Pub. Co., NY, paperback, 354 pp., \$4.95.

We all face stress in our lives. It's how we face it that can make or break our health. On that premise, Mr. Pelletier launches into an analysis of the nature of stress and its causes, the part it plays in specific major diseases, and some of the methods we use to try to control or mitigate its deleterious effects. A method in use today which the author feels should gain even wider acceptance is meditation. Describing meditative systems in the healing process, he states that one of the clearest messages we receive from any of them is "to live in the now . . ." There's a rich lode here for those seeking answers to the psychological factors that influence our health. One cautionary word: marijuana is referred to as a socially acceptable drug.

**Exodusters, Black Migration to Kansas After Reconstruction**, by Nell Irvin Painter. Alfred A. Knopf, Inc., Pub., New York, NY, 281 pp., \$12.95

In 1879, in what has come to be known as the Kansas Fever Exodus, some 6,000 Blacks moved from Louisiana, Mississippi and Texas to Kansas in the space of a few short months. The causes and results of the first major Black migration out of the south are explored in this fascinating look at the Reconstruction years as seen from the Black point of view.

—Grail Hanford



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## Energy Crisis

# When Texas Struck

**P**RECISELY AT 10:30 on the morning of Jan. 10, 1901, an oil gusher named Spindletop blew in just south of Beaumont, TX. America was never quite the same again.

Drenching the earth around it—a spot called Big Hill—with 100,000 barrels of oil daily, Spindletop marked not only the birth of the modern petroleum industry but the beginning of the liquid fuel age.

Until that day, the vast majority of our black gold—a mere 58 million barrels annually—came from eastern oil fields in Pennsylvania, West Virginia, Ohio, New York and Indiana.

Spindletop changed all that.

Beaumont, TX, was a sleepy, little rice and lumber town where nobody in his wildest dreams figured there was a gigantic reservoir of oil beneath his feet—except one-armed Patillo Higgins, a young, successful, Beaumont real estate developer and Sunday school teacher with a penchant for chemistry and geology.

Big Hill had always intrigued him, particularly the pools of yellow, blue and green water in a section called Sour Spring Mound. After a heavy rain, he often took his church class to the grassy hummock for a Sunday picnic and dazzled the youngsters by sticking his cane a foot or two into the soft earth, then pulling it out. Gas formed in the hole and burned brightly for a few minutes if ignited by a match.

Higgins followed a hunch of his about the hill and wrote the federal government for information on the location and production of oil. After all, where there was gas, could oil be far behind? Experts in Washington, DC sent him a scholarly volume filled with bad news: there was no oil-bearing rock in Texas and, thus, no oil. Higgins was certain they were dead wrong. Big Hill oozed oil.

He convinced several businessmen, including the local lumber dealer and an attorney, to join in the search. Another partner was Ike Bingham whose eight-year-old daughter, Gladys, was a Sunday school student of Higgins's. When the Gladys City Oil, Gas and Manufacturing Co. opened for business in August 1892, her photo and name graced its stationery for good luck. Events soon proved that the two contractors the firm hired to drill atop Big Hill needed a lot more than just a little bit of luck.

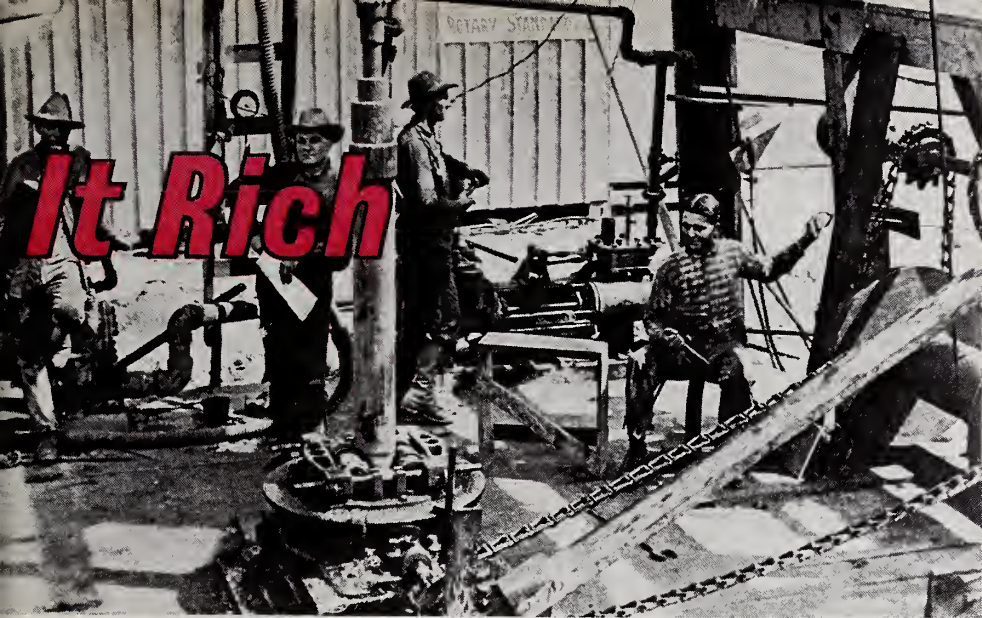
The first well flopped. So did the second one in 1895. A third well drilled in 1896 was no better. The reason, Higgins explained, was because they couldn't get through the immense thickness of quicksand, some 500 feet deep, which underlay the surface soil. Perhaps he was right, the red-faced partners grimaced, but it was an embarrassing situation nonetheless. The company had leased 2,500 acres, its money was gone and they were smarting from the ridicule of their wives and fellow citizens. They would lease the land to him or anyone else willing to take it over. Higgins placed an advertisement in an Eastern business magazine for an individual "capable of adequately financing a proposition of some magnitude." He got only one taker—Capt. Anthony F. Lucas, an ex-officer of the Austrian Navy who had emigrated to the United States and become a well-known mining engineer.

Lucas took a gander at the Beaumont countryside, agreed with Higgins, and backed him with \$11,050 in

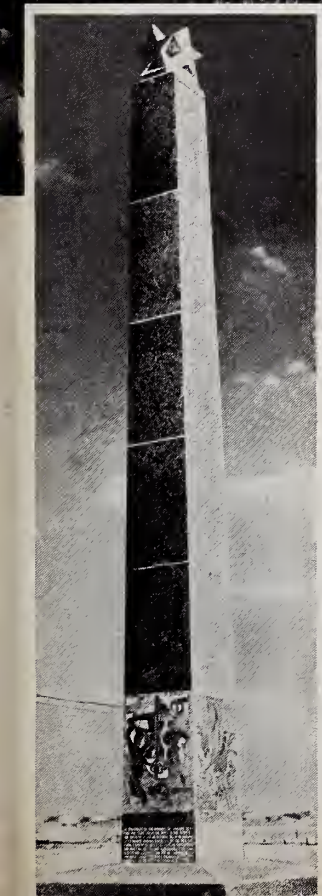


Spindletop gushes on Jan. 10, 1901





Drillers prepare for oil strike in upper photo; a forest of oil derricks grew after Spindletop (below), and at bottom, monument marks the spot of the big strike



cash for the lease. Higgins gladly settled for a 10 percent interest in Lucas' venture as a finder's fee just to get the drilling under way once more. Beaumonters sadly shook their heads. Now there were two fools on Big Hill.

Lucas managed to bail out a smidgen of oil with a 575-foot well in 1899, but it wasn't enough to pay expenses. The Captain was practically broke and Higgins already was. He'd spent every nickel he had buying up land for \$17 an acre on or near the hill. It appeared the fledgling Beaumont field was doomed.

But there was oil under Big Hill. Lucas had bucketfuls to prove it. All a driller had to do to find more was to go deeper, according to the revolutionary "nascent dome" theory with which he and Higgins had come up. The oil found thus far was from the wedge between the surface and the first thick layer of rock. It had seeped there under tremendous pressure from the reservoir trapped some 1,200 feet deep below the rock strata.

Morale was at low ebb by the time Dr. William Battle Phillips of the Univ. of Texas' geology department visited Big Hill a few months later. There just might be something to their nascent dome oil theory, the professor told Lucas, and offered to write a letter introducing Lucas to Guffey and Galey of Pittsburgh, PA, a top professional outfit backed by financier Andrew Mellon. Lucas snapped at the offer. They could only say "no."

Guffey and Galey weren't exactly enthusiastic over Lucas's unproved theory, but neither did they turn thumbs down. After weighing the pros and cons, they decided to form the J. M. Guffey Petroleum Co. and advanced Lucas enough money to buy them leases on more land than he presently had and to drill one deep well. There were, however, some catches. The Pittsburghers demanded—and got—a major interest in the enterprise: five-eighths for Guffey, two-eighths for Galey, one-eighth for Lucas. Any profits for Higgins and the Gladys City Co. from an oil strike would have to come out of the captain's share, not Guffey's and Galey's. Their business was to loan money and get it back with interest. "If we are to back you," they pointed out, "it will mean putting up \$300,000 and it is impractical to cut in everyone who ever heard of oil prospects in Texas." Lucas swallowed hard. It was either accept or pull up stakes. He reluctantly accepted and returned to Beaumont to begin leasing land.

By September 1900, Lucas had managed to lease some 15,000 acres on Big Hill, interspersed among many small tracts which real estate developers had been buying up. There was one remarkable omission—33 acres about 100 feet from where Lucas planned to have the well drilled. Higgins owned these.

Al and Jim Hamill, two brothers who had previously drilled wells for Guffey and Galey, were hired to get going on the Beaumont job. Early in October, a derrick reared high on the Spindletop subdivision and drill pipe bit into the earth. It was fairly easy going at first for the Hamills' heavy equipment—but then the 4-inch pipe clogged with soft sand at 880 feet. The steam-powered machinery and pumps couldn't handle the swirling mess. A 6-inch pipe went into the hole and worked well for awhile. Then it hit rock and began grinding to a halt, spewing stones, boiling mud and gas halfway up the derrick and posing the threat of asphyxiation and explosion. The crew went on round-the-clock shifts



—drilling by day, flushing out the pipe with water at night—since, as far as anyone knew, the rock strata might extend miles in depth and the firm already had \$4,000 worth of pipe in the hole.

"On December 9th at about three o'clock in the morning," Al wrote later, "I noticed the pump working more freely and the rotary table (which grasped the pipe and twisted it) turning very easily, so I began to let pipe down. At daylight, I could detect a small flow of oil in the slush pit." He quickly



*Higgins*

sent for Lucas, who lived less than two miles from the drilling site. The captain was elated. "How much of a well do you think we'll make?" he asked. Al pondered a moment, scratched his head and replied

that he thought at least 50 barrels a day. Lucas grinned broadly. In 1900, a 50-barrel well was top notch.

The backbreaking work kept up day and night. Drill a few feet, wash out the pipe, drill some more. Galey came down to watch the exhausting chore and suggested that the weary crew close down operations for the Christmas holidays. If there were oil in quantity, it would wait another few weeks to come to the surface after lying shrouded for so many years.

Drilling resumed on New Year's Day, 1901, and they had reached 1,020 feet by January 9th, the last 140 through solid rock. The bit was now impossible to turn. Force drove it off center, snapping the chains that provided power from the steam boiler. But Al had contracted to go 1,200 feet deep and was determined to make it if he snapped "every link of chain in Texas." At daybreak on January 10th, he pulled all the pipe out of the hole—20-foot sections at a time—and stacked it against the derrick. Finally the battered drilling bit appeared, blunted and chipped by the rock strata. He unfastened it, attached a new bit, and started lowering the pipe back into the hole. Thirty-five sections or 700 feet were hanging down from the derrick when mud erupted out of the hole just as he swung another length in place to be attached to the pipe string.

The spitting mud disgusted more than it alarmed the exasperated crew. Wells often splashed that way when pipe was being replaced, but then

usually died down quickly enough.

Instead of dying down, the well started pitching mud as high as the derrick itself. Next, gas whooshed from the hole with an ear-splitting hiss. Then pipe came flying out, knocking off the derrick's crown block, twisting and spinning in the air—100 feet, 150 feet, 200 feet—like pieces of jumping spaghetti before snapping off into sections and plunging back to earth to stick in the ground at odd angles resembling huge spikes hammered in by an angry giant. Then everything was quiet again.

The derrick was in shambles. Mud, muck and water stood a foot deep on the rig's flooring of double boards. The men, who earlier had watched the spitting well from a safe distance, now cautiously returned to the derrick, and shrugged. Nothing to do but collect the scattered pieces of pipe, straighten them and begin drilling again.

Then, a low, growling rumble echoed from the bowels of the earth. Seconds later, a deafening roar like the shot of a heavy cannon quivered the ground. Heavy mud again spurled from the well, followed by a leaping geyser of gas that tossed

rocks upward for hundreds of feet. The crew ran like the devil, one roustabout missing his footing and tumbling head-first into the slush pit. Mrs. Lucas heard the hellish noise and came out on her porch. Staring in disbelief, she ran back inside and telephoned her husband in town at Louie Mayer's store. "Hurry, Anthony," she hollered into the mouthpiece, "something awful is happening. The well is spouting." That was putting it mildly. A steady, powerful plume of green crude oil, six inches in diameter, was gushing skyward more than 100 feet above the derrick's top, cresting, then falling to earth in a greasy shower.

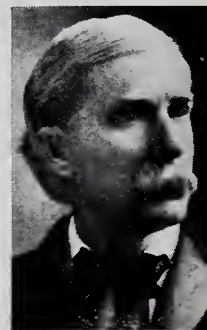
Lucas left the receiver dangling and made a mad dash for the well. "Al! Al! What is it?" he shouted, leaping from the still bouncing buggy and falling flat on his face with excitement. "Oil!" the soaked driller yelled. Lucas picked himself up and licked his lips to make sure. "Thank God!" he exclaimed, embracing the grinning Al.

First news of the spectacle flashed out to the nation over the telegraph

wires at 1 P.M. and long-distance calls soon swamped Beaumont's tiny switchboard. Hometowners already had converged on Big Hill in hacks and wagons, by horseback and on foot, "like feathers being drawn by a giant vacuum." Hundreds were milling about the well by nightfall. One hack man, taking advantage of a good thing when he saw it, charged passengers \$20 a head for a ride from excursion trains to the new oil field.

"Now that we have got her, boys, how are we going to close her up?" Lucas asked the Hamills. Oil spouting 150 feet into the air was no easier to sell than oil hidden 1,200 feet under rock. The question turned into an emergency when a careless spectator flipped a cigar butt into the slush pit and set fire to the thick pool of oil. Flames nearly reached the well before the crew smothered them. Lucas realized that unless he could shut off the flow, "all they were going to have to show for their effort was the world's largest torch." Yet, no one had ever "capped" an oil well before. None had flowed long enough or strong enough to require it—but after four days, the Lucas Well No. 1, already popularly called Spindletop, continued to spew an estimated 100,000 barrels of oil daily with no signs of slowing down.

The ingeniously simple apparatus devised by the Hamill brothers is still used today—a T-shaped piece of pipe, eight inches in diameter, with a valve where the horizontal piece joins the vertical piece and another valve on each of the open horizontal ends. They welded the T to a flat sheet of steel with a hole in it for the lower vertical section of the pipe and pulled the whole works smack-dab over the gusher. Oil now gushed straight up through the vertical pipe with such a roar that the crew "had to wrap their faces in gauze and tape their ears

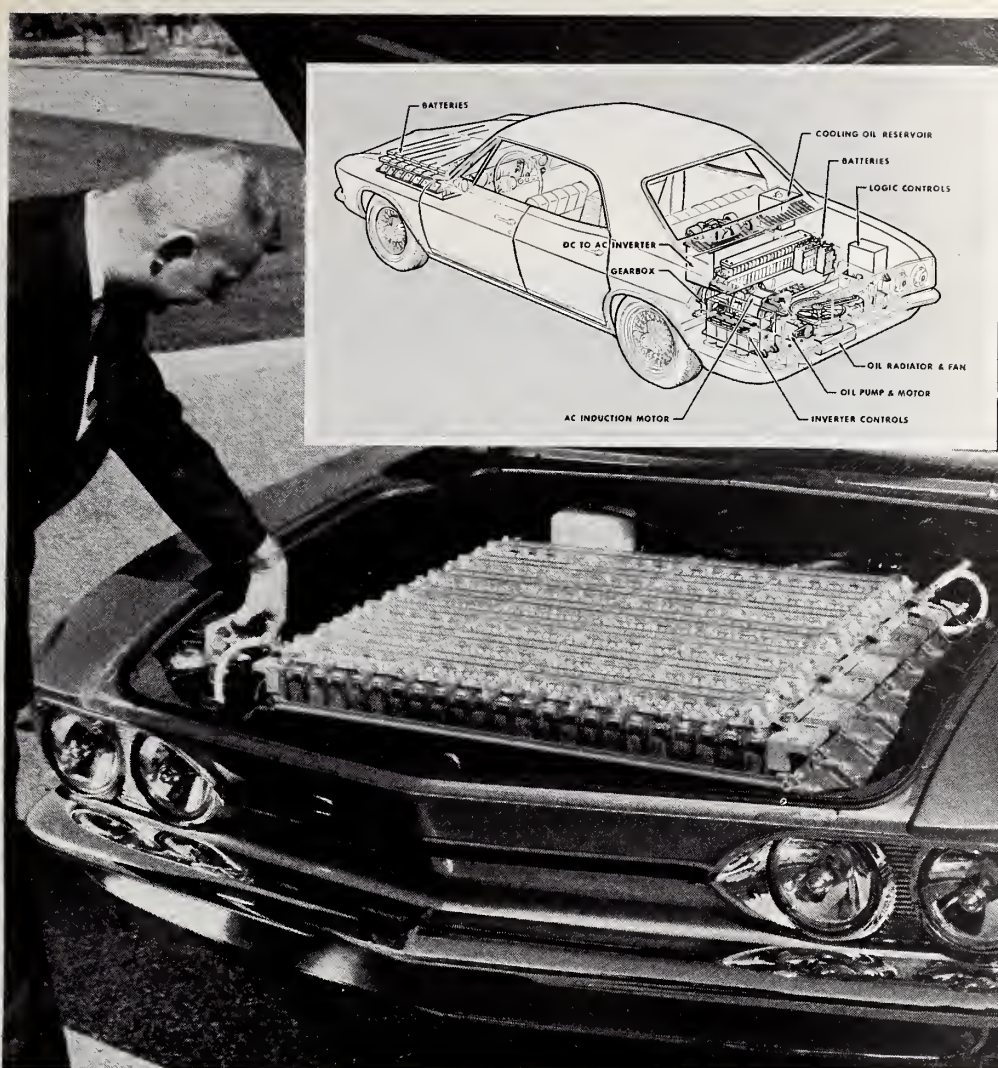
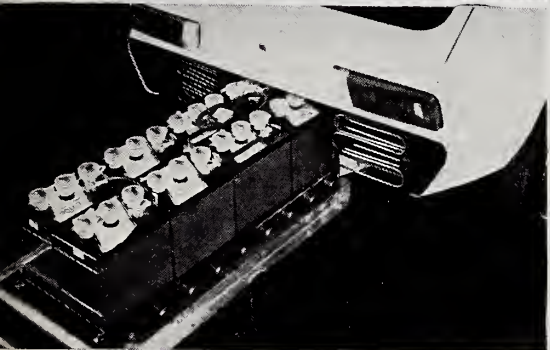
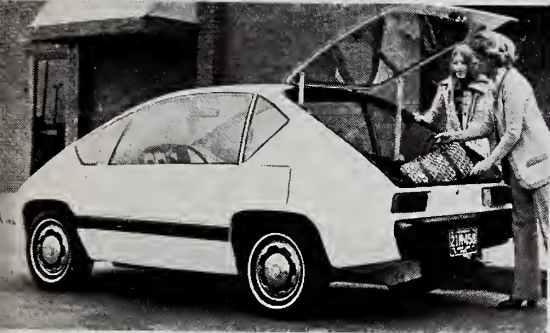


*Guffey*

shut with wads of cotton." Then they forced the short vertical piece of the T into the eight-inch casing with block and tackle, screwed it into place with huge bolts, packed the joint with rope and wrought-iron clamps to prevent high pressure leaks and, crossing their fingers, slowly closed the "gate"

(Continued on page 39)





A number of designs for the prototype of the electric car are being considered. Upper left is the General Motors concept.

Below that is the Copper electric town car with a hatchback. Bottom left is a battery tray. Right shows battery assembly in GM Electrovan. Inset is cutaway view of the Electrovan

## Energy Crisis

# Can Electric Cars Do the Job?

**T**HE ELECTRIC CAR is getting a super charge, via an authorization of \$160 million in federal funds for research and development. No one is ready to predict the day when battery operated autos will be rolling from the assembly lines, but now no one says it won't happen.

The \$160 million would be spent over the next five fiscal years, starting with a year's testing of present technology. Then performance standards would be written.

The government then would let contracts with private industry for 2,500 electric cars, to lease to local governments and individuals for testing in actual traffic. Small businesses would be assured of a share of the contracts to make the cars.

Four years after the enactment of the funding legislation, 5,000 more battery-operated vehicles of advanced design would be leased similarly. After that, private industry

would take over completely, making and marketing whatever vehicles the demand seemed to support.

It was 1966 when the president of Ford Motor Co. disclosed a new sodium sulfur battery that showed promise of ample power and long life in a convenient package. That same year brought a pair of experimental electrics from General Motors Corp. Newsmen "whooshed" around GM's Tech Center in Warren, MI, in a Corvair with \$10,000 worth of batteries that filled the luggage compartment as well as part of the engine section.

At least a dozen small companies announced plans to build an electric. One company even talked about a battery designed to rust so that the erosion process would produce power.

Today, GM and Ford rate the electric car well down the list of potential substitutes for the gasoline-driven vehicle, though GM is ru-

mored considering a 1981 two-seater. Government, however, stung by the oil import crisis, refuses to bypass any alternative.

The Energy Research and Development Administration (ERDA) has named three companies to design another electric by the end of this year. The designers are AiResearch Manufacturing, a division of Garrett Corp., AMF Advance Systems Laboratory and General Electric Co. Chrysler Corp. is participating with GE.

With initial designs completed, "one or more firms will be selected to build and test an electric car that can be demonstrated in 1979," said John J. Brogan, acting director of ERDA's Division of Transportation Energy Conservation.

The agency wants a car that can reach a top speed of 75 miles an hour with battery power and travel for 75 miles without recharging. It wants

*(Continued on page 40)*



# Reclaiming a Strip Mine



An orchard farm now is in production on strip-mined land in Pennsylvania

**M**ENTION strip mining to most people and ugly visions of slashed and tortured earth flash to mind.

But there is nothing ugly about George Angelo's mountaintop orchard farm in Western Pennsylvania's Indiana County. It was strip mined for its coal six years ago.

What has happened to the Angelo farm since then makes this story.

The reclamation technology that has restored the Angelo farm to its former rustic beauty may make possible the stepped-up production of coal that the Carter Administration counts on to buy us time in the energy crisis. Without it, such an increase probably would not be environmentally acceptable to most Americans.

As Angelo puts it, "When I'm ready to retire, I'll have no apologies about turning the farm over to my son Gary."

Says Ward Stover, Indiana County agent for Pennsylvania State University's Agricultural Extension Service, "It's a better farm now than it was before the strip miner's dragline excavator chewed it up."

How it got that way in the three years that followed the first bite of the miner's giant power scoop is a story of the modern reclamation expertise developed in the past 15 years by the U. S. Forest Service, the Soil Conservation Service, researchers at state agricultural colleges and earth science agencies.

Their emphasis on renovating strip mined areas stems largely from the fact that surface mining, not deep shaft mining, now accounts

for more than half of the coal that is dug in the United States each year. In 1930, it was only 4 percent.

"Strip mining has become a quicker, cheaper and safer way to get out the coal," explains James Paone, chief of the division of environment for the U. S. Bureau of Mines. "It's also easier to control and repair the environmental damage from strip mining in most instances," he adds.

The George Angelo farm offers eyewitness proof. Its 38 acres perch atop Chestnut Ridge. A few miles to the north is the busy county seat and college town of Indiana, the home of movie star and World War II bomber pilot Jimmy Stewart.

The 38 acres support two attractive houses—one for son Gary and his family. There is a modern apple cooling and storage shed, and a mixture of about 10,000 fruit trees, mostly apple and peach. Ten hives of bees pollinate the blossoms each spring, and a cider press turns 2,000 bushels of cull apples a year into juice. A byproduct is pomace for the deer hiding in the woods nearby.

Angelo, a short, stocky, soft-spoken man of 58, is a farmers' farmer. He is past president of the Indiana County fruit growers association and a member of county agricultural agent Ward Stover's farm advisory committee. He and his wife Pauline, with seasonal help from Gary, handle both the growing and marketing of the fruit.

Strip mining is not new to southern Indiana County. Thus it came as no great surprise to the Angelos when a mining contractor stopped

by one day in 1970 and asked permission to make test borings on their farm and that of a neighbor to find out what lay below the surface. What he found was a half mile long vein of high quality bituminous coal, six feet thick, and only six or seven feet below the surface in some places.

The following year, some 10,000 tons of coal an acre were dug from about 20 acres of his farm, Angelo reports. The Angelos won't say what they received for the mining rights, but at the rate of 65 to 70 cents a ton then current in the area, it had to be a six-digit figure.

Reclamation costs were paid by the mining contractor.

"Sometimes," says Angelo, "the reclamation costs around here have been more than \$1,250 an acre."

Angelo had reclamation details written into the mining contract. Before that, he discussed them with county farm advisor Stover and with men of the U. S. Soil Conservation Service.

Topsoil and subsoil were set aside



Antelope graze in front of a strip-mining complex in Gillette, WY, with a silo in the background now used to store coal



by the mining contractor so they could be returned to the land surface after machinery had restored contours.

The hideous ridges of rocky overburden thrown up by strip miners' excavators or power shovels—spoil banks they are called—were to be backfilled into the trenches as the mining progressed, rather than left standing until the mining was finished. This was not only for cosmetic appearances but to lessen erosion and silting, Angelo explains. It was also designed to minimize the runoff of acid, oxide-polluted water that spoil banks sometimes spawn.

Runoff that was unavoidable was channeled to two detention basins built by the mining operator. From there, it went to a settling basin where the impurities were trapped and eventually neutralized by heavy applications of lime.

Once Angelo's land was recontoured to its original proportions and the topsoil and subsoil spread again over the shaly base, the contract called for Angelo's fields to be restored by lime and fertilizer to their original fertile condition. This last was to be determined by soil tests at the Pennsylvania State University.

The 200,000 tons of coal mined from the Angelo fields were trucked to a utility plant that serves the Pittsburgh area, 55 miles to the southwest.

The mining operation also permitted George Angelo to pursue experiments with Penn State's agricultural experiment station to produce dwarf apple rootstocks. The dwarfing produces a tree no taller than a man with his arms raised. It can be grown along a wire trellis, grape fashion, to be harvested by women and children. It can be sprayed, pruned and tended easily.

The dwarf trees can't carry as much fruit per tree as the big conventional apple trees they replace, but nearly 400 of the dwarfs can be planted per acre, Angelo points out, as opposed to only 32 of the full size trees. The yield per acre is much greater for the small trees, Angelo and County Agent Stover report.

When the mining operator cleared 20 acres of George Angelo's farm before sending in his mining equipment, the big fruit trees came out. For the past four years, Angelo has replaced them with thousands of new dwarf apples and what he calls 'sub-standard size' peach trees. The 1973 plantings produced fruit in 1975. The 1977 harvest will have paid for their keep. Angelo looks for

a 25-year productive life for most of them on his nearly frost-free slopes.

"The reclamation job on the Angelo farm is not unique," says William Guckert, director of surface mine reclamation for the Pennsylvania Department of Environmental Resources. "Dozens of strip mined farms and other lands in western Pennsylvania have been put back in just as good shape," he reports.

"We have most of the reclamation answers now for the hill lands and for the low mountain lands like the Angelo farm," Guckert asserts. "We use them to help develop environmental impact statements for each proposed new strip mine."



Dwarf apple trees dot reclaimed Angelo farm in Pennsylvania

The United States has large reserves of strippable bituminous coal remaining in the midwest states of Ohio, Indiana and Illinois, Bureau of Mines officials report. Much of it lies below rolling prairie farmland where the reclamation problem is a relatively easy one with present technology, according to mining engineers and soil conservationists.

All three states have beefed up their strip mining regulations in the past three years. New rules call for the land to be reshaped, revegetated and returned to valuable use in somewhat the same manner as was done on the Angelo farm in western Pennsylvania.

Pennsylvania strippable reserves are down to about a billion tons, according to estimates by the Bureau of Mines and the U. S. Geological Survey.

Huge, almost untouched beds of surface-minable coal totaling 82 billion tons have been identified under predominantly gently rolling range

and dryland farming areas of Montana, Wyoming and the Dakotas, reports Raymond Lowrie, chief of the Intermountain Field Operations Center of the Bureau of Mines at Denver, CO.

The beds of Great Plains coal are subbituminous or lignite and rank lower in heating value than the bituminous coal dug from the thinner beds of the East and Midwest, says Lowrie. But, unlike the Midwest coal reserves, and some of those in the East, most of it is low-sulphur coal, he reports. It poses less of a pollution control problem for utilities that would like to use it to generate electricity or, when the technology is perfected, manufacture artificial gas.

The northern Great Plains coal fields also present fewer water pollution problems than those of the East and Midwest, reports Paul Packer, veteran watershed scientist of the U. S. Forest Service. He is in charge of watershed protection studies and land rehabilitation research for the Forestry Sciences Laboratory at Logan, UT, and headed a multi-agency task force that studied the reclamation potentials for the northern Great Plains coal fields in 1973 and 1974.

Parker's report lists reclamation potentials in the different coal fields of the four states as "fair to excellent," with a time frame of five to 15 years. He emphasizes, however, that research is needed on revegetating soils in dryland areas with low rainfall.

Since 1974, all four of the Northern Plains coal states have strengthened their strip mining regulation statutes.


"State requirements in Montana and Wyoming are as strict as the federal requirements on federally controlled land that the Bureau of Mines has written," Paone reports.

Three large new strip mining operations now are under way in Montana and Wyoming, reports Herbert Foster, vice president of the National Coal Association. One, the nation's largest, the Decker Mine at Colstrip in Big Horn County, Montana, opened in 1972, and by 1975 had stepped up production to nine million tons annually, he says. The more recently opened Belle Ayr Mine at Gillette, WY, produced nearly 3.4 million tons in 1975. Nearly 1.8 million tons were dug that year from the Rosebud Mine at Hanna, WY.

Foster reports that the coal industry hopes to bring new surface mines into production in the West that will produce more than 70 million tons of coal by 1978.

—Charles B. Maits





Energy Crisis

# Is LNG the Answer?

**"T**HE 1976-77 winter of the century," as the National Weather Service called it, wiped away most doubts about an energy shortage. "Brownouts" and "black-outs" were frequent and widespread. Heating bills jumped \$100 to \$300. Tragedy struck too often, like the senior citizen who couldn't pay an \$18 heating bill and died of cold. Industry was hard hit.

Natural gas shortages caused unemployment for 100,000 workers in western Pennsylvania alone. In Tennessee, another 100,000 were idled. The auto industry laid off 90,000. Buffalo, paralyzed by snow and cold, reported 60,000 employees furloughed.

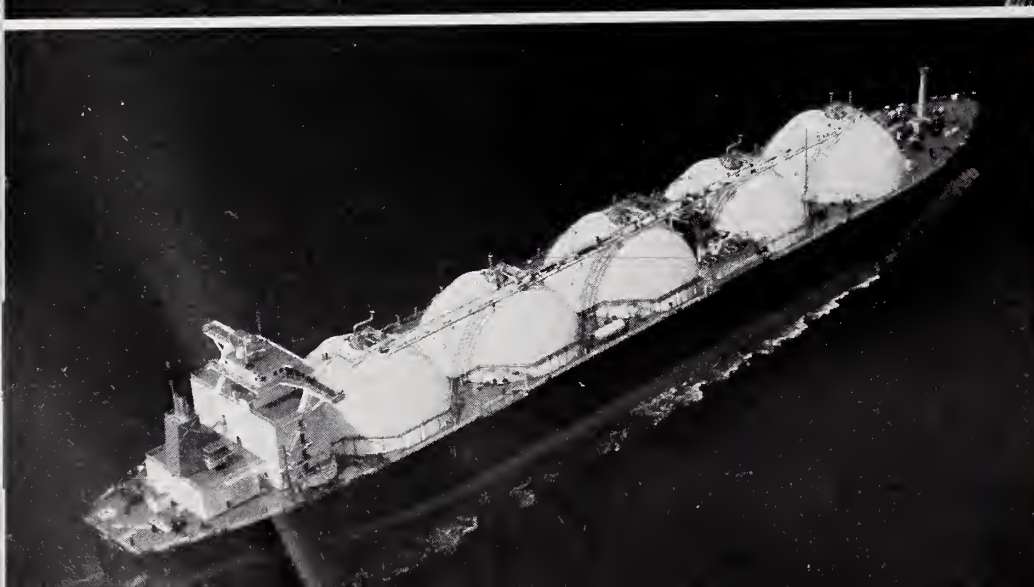
Pittsburgh's public schools sent 59,000 pupils home. In Illinois, schools in 240 communities were closed to save gas for homes and health-care institutions. Minnesota's governor called for a four-day, 40-hour week for state employees.

President Carter's chief energy advisor, James Schlesinger, arranged with pipeline executives for a patchwork trading system to get gas to those suffering the worst shortages.

But it was patchwork. The natural gas shortage has long been upon us and long been ignored. Currently, we are burning twice as much natural gas as we're finding. Identified reserves shrank from 293 trillion cubic feet in 1967 to 288 trillion in 1975.

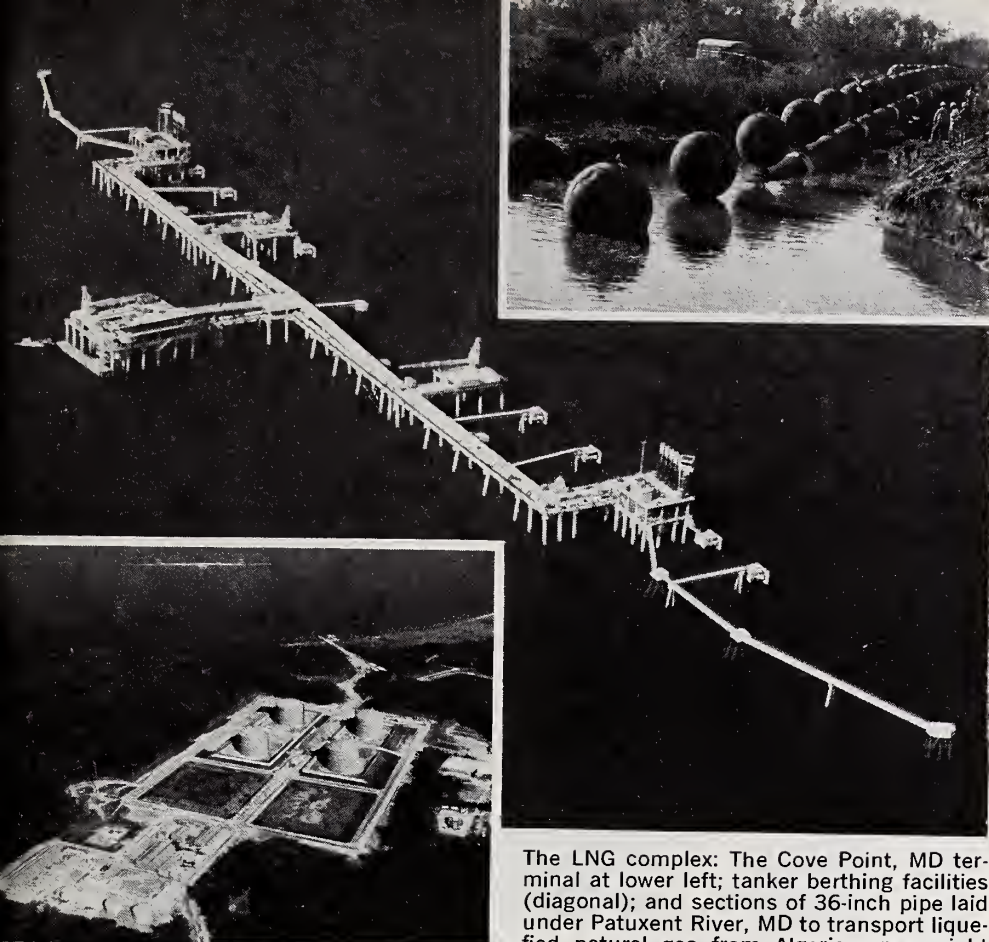
We still have lots of gas. The U.S. Geological Survey estimates that total natural gas resources in the United States range between 222 trillion and 655 trillion cubic feet. However, this gas is neither easy to find nor cheap to drill. Producers have long argued that price regulations on interstate gas provide no incentive for drilling.

"Give me decontrol," says a Denver oil and gas operator, "and I would give you a \$10 million drilling program that would have 100 wells producing 60 cubic feet a day ready by next winter." George Mitchell of Houston, one of the nation's largest independent gas producers, says, "We have 200 prospects we can drill at \$2 gas and \$13 oil."



The LNG Aquarius is the first liquefied natural gas tanker to be launched in the United States. The 936-foot long, 95,000-ton tanker was built by the General Dynamics Quincy, MA shipyard and will bring LNG from Indonesia to Japan. Eleven more are scheduled to be built





The LNG complex: The Cove Point, MD terminal at lower left; tanker berthing facilities (diagonal); and sections of 36-inch pipe laid under Patuxent River, MD to transport liquefied natural gas from Algeria, upper right

Interviewed on NBC news, Schlesinger said, "With this winter weather we were bound to be in trouble irrespective of any suspicion about holding back. The shortage is real and the United States will run out of oil and gas in the next 30 or 40 years. We have a problem of conserving our supplies."

Even with conservation measures, the Federal Energy Administration (FEA) projects an annual  $2\frac{1}{2}$  percent increase in energy consumption through 1985. Help from new technologies, solar, geothermal and synthetic fuels can't be expected to meet more than 11 percent of our energy needs by the year 2,000, says FEA's National Energy Outlook Report.

So what do we do?

Natural gas is the most desirable of the fossil fuels. It is clean burning, efficient and can be transported underground. Some industries can't substitute anything for it. The cast metals industry, for example, must use natural gas to fabricate major components vital to armament.

One solution is to import natural gas. Worldwide supply potential is awesome.

The Federal Power Commission's (FPC) "Report No. 2" credits the Middle East with 351.9 trillion cubic feet of gas; Africa with 188.9 trillion; Asia and Oceania 54.6; Western Europe 53.6; Eastern Europe and China 465.1. In the Middle East, Iran commands 60 percent of all

total reserves; in Africa, Algeria has 75 percent of the total estimate; in Asia and Oceania, Pakistan holds 38 percent of the share; Western Europe's lion's share is credited to The Netherlands with 57 percent of all reserves and in Eastern Europe and China, the USSR commands 90 percent of all the natural gas energy.

What's happening to all this valuable gas? In Iran, most gas is being retained for future domestic use and for sale when world prices go up. Iran does sell a limited supply to Russia. This offsets Siberian gas delivered to Europe.

Indonesia and Nigeria have been flaring their gas (burning it as a waste byproduct) for years. Currently, Nigeria is flaring approximately 1 billion cubic feet daily.

Saudi Arabia, the world's richest oil source, has for years flared its gas. It now has launched a \$16 billion project to conserve it for new Saudi industrial facilities and electricity-generating plants.

Aside from its burning efficiency and environmental desirability, natural gas has other characteristics that make it viable as an exportable energy resource. It can be liquefied, thus shrunk in volume, transported and stored for distribution later.

In nature, gas is a mixture of hydrocarbon and non-hydrocarbon matter found in porous geologic formation below the earth's surface. It is often associated with petroleum.

The principal constituent of natural gas is methane, which must be separated from other unwanted properties before it's commercially usable. Long ago, physicists learned that certain combinations of temperature and pressure can cause gas to liquefy. This involves highly sophisticated technology. Before liquefaction, gas must be cleansed of water vapor, carbon dioxide and heavier carbons. The residual after processing is methane. Application of extremely low temperature to methane (-260 degrees Fahrenheit), changes the vapor to liquid. When gas is liquefied it shrinks in volume  $1/625$  its size. Stated another way, liquefaction allows 625 times as much energy to be stored in a given amount of space.

Advances in low-temperature physics (Cryogenics) which took place in the late 1930's and early 1940's opened the door to ocean transport of gas.

In 1959, the *Methane Pioneer*, a converted American tanker, hauled 5,000 cubic meters of liquefied natural gas (LNG) from Lakes Charles, LA to Canvey Island, England. Seven voyages during 1959 and 1960 proved the feasibility of LNG shipping.

Almost a decade passed, however, before a serious effort was made to import LNG. In 1968, the Boston Gas Co., purchased small loads from Algeria to meet peak-load demands. In 1972, Distrigas Corp., a subsidiary of Boston's Cabot Corp., began bringing shiploads of LNG to its Everett, MA terminal for resale to northeast utilities. Distrigas Corp. planned to transport 45 billion cubic feet of gas yearly from Skikda, Algeria, but agreements broke down and must be renegotiated. The FPC delayed approval for storage in two Staten Island LNG tanks that had cost \$100 million when fire in a Staten Island tank owned by another company raised questions of environmental safety. Forty-three workers died in that accident. FPC assumed jurisdiction over all domestic LNG storage.

Other companies, too, have had their headaches with LNG importation. Eascogas, a Northeast distributor, has had to renegotiate contracts with the Algerians. Pacific Lighting Corp., contracted with Pertamina, Indonesian's oil and gas company, in 1973, for gas at 63 cents per million British Thermal Units (BTU.) In 1975, the contract had to be renegotiated. Chemical Construction Corp. (Chemico), contracted to erect the LNG-1 facility at Arzew, Algeria and had differences over a fixed-price contract with Sonatrach, the



Algerian National Oil Company.

Still, with all the discouragements, American companies are making bold efforts to line up contracts for LNG importation. Distrigas Corp. signed a 20-year contract with Algeria for 43 billion cubic feet at \$2.10 per thousand cubic feet. The terms call for scary adjustments of delivered prices reflecting effects of inflation, currency value changes and swings in the prices of U.S. fuel oil. The Panhandle Eastern Pipeline Co., has filed plans to import 179 billion cubic feet from Algeria for delivery to Lake Charles. Southern California Gas Co., has been negotiating for LNG from Australia, Indonesia, Malaysia, Iran and Alaska. El Paso, a Houston-based gas company, negotiated with Iran for years, then abandoned plans at the end of 1976 when Iran decided well-head prices were insufficient.

Nevertheless, El Paso is out front with LNG importing. It has contracted with the Columbia Gas Transmission Co., and Consolidated Natural Gas Co., for the delivery of 650 million cubic feet per day to the United States over a 25-year period.

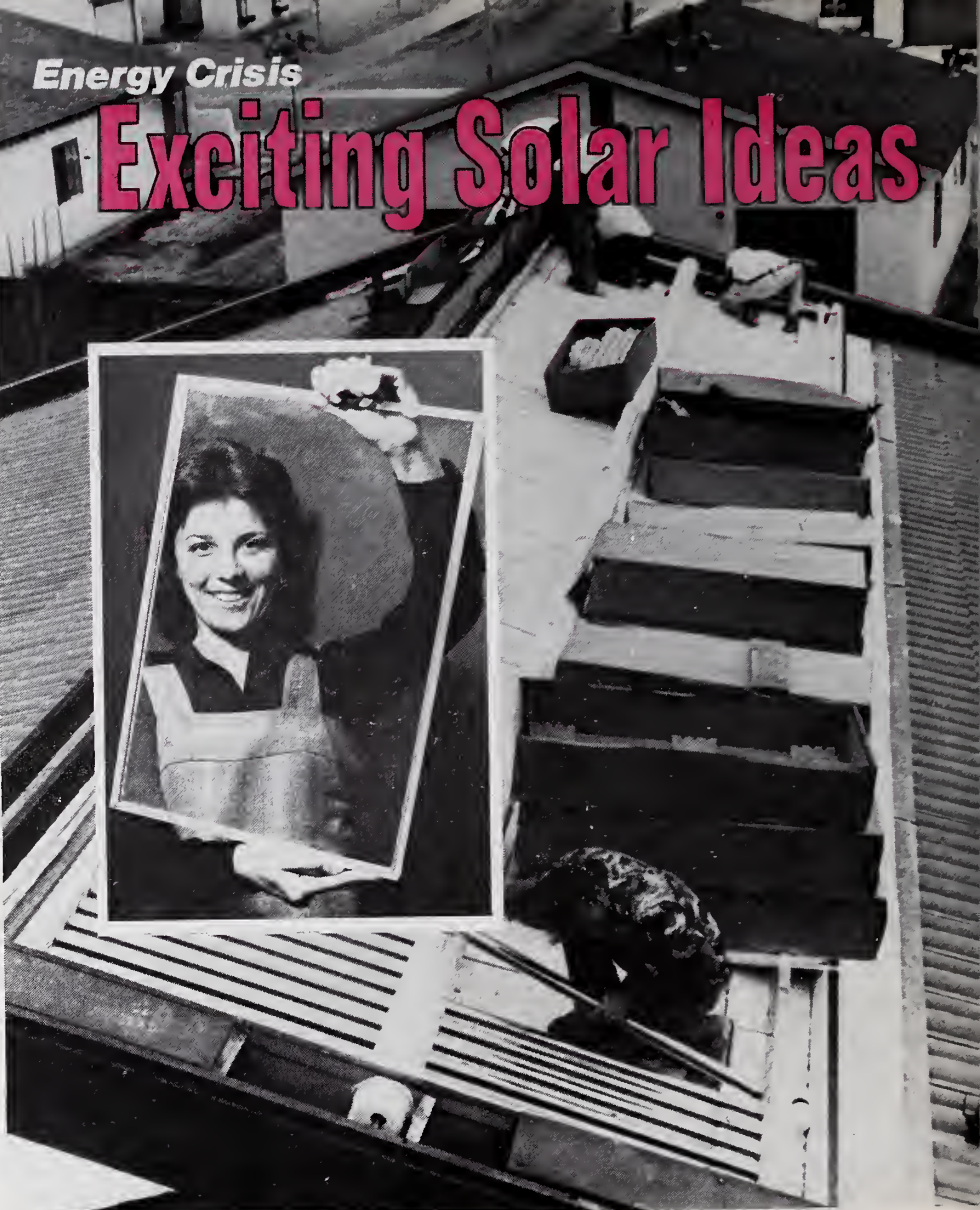
Three hundred million cubic feet will go to the Cove Point, MD receiving terminal. The balance will be delivered to a receiving terminal in Savannah, GA for a subsidiary of the Southern Natural Gas Company. Construction of the Cove Point terminal is now 85 percent complete and first shipments are projected for the first quarter of 1978. The joint venture of gas companies will benefit 16 states, from Florida to Ohio. Shipments from Algeria represent an almost 4,000-mile sea journey taking just under nine days.

Cove Point is the nation's largest receiving terminal, occupying 1,022 acres on Chesapeake Bay. Its capital investment is estimated at \$350 million. Why such an enormous expense to store four LNG tanks and vaporize the gas? It is easier to understand when one realizes that the Cove Point facility required dredging, drilling, pile driving, pipe laying, earth compaction, installation of a two-tanker offshore berth, construction of a mile and a quarter underwater tunnel, the crossing of two major rivers and three creeks, total environmental protection of a 190-acre freshwater marsh, as well as a full-scale soil erosion project to safeguard areas adjacent to the facility. This involved five sediment basins and a system of concrete drainages. Added to this are high-cost power requirements of three, 8,450 KW gas turbine driven electric

*(Continued on page 36)*

## Energy Crisis

# Exciting Solar Ideas



Roof of solar energy home in California is designed to capture sun's rays. In inset, young lady displays a newly-developed energy-saving window

**S**HOULD FUEL SAVING begin with the automobile or the home? As America wrestles with its energy problem, ideas multiply.

The federal Energy Research and Development Administration (ERDA), says nearly 20 percent of all energy consumed in the United States each year is spent in the nation's 70 million households; much of it wasted in inefficient housing and appliances.

ERDA engineers say appliances designed for minimum use of energy could save the equivalent of 300,000 barrels of oil a day by 1985. That would heat 4.8 million homes a day during winter.

One energy cutter may be a new window. It has a "shutter" consisting of a layer of clear gel which clouds up to block out the sun's rays during summer. In

winter, the sun's rays can pass through the window and the heat is kept from bouncing back outside by a heat "mirror," a thin film layer in the glass. The new window could be attached to an existing window and could serve as a storm window.

Two homes at Mission Viejo, CA, built jointly by ERDA, the Southern California Gas Co. and a real estate development company are testing other unusual features. Double-pane windows have adjustable shutters between the panes; gas appliances have pilotless ignition systems; an air circulation system senses inside and outside temperatures and humidity and pulls in cool outside air while flushing hot air out of the home when necessary. These energy-saving features are expected to reduce energy consumption in the homes by at least 50 percent.



# 'Oldest' Church in America Is in Miami

**T**HE oldest building in the Western Hemisphere is in Miami? Probably!

The Cloisters of the Monastery of St. Bernard, known as the Spanish Monastery, was built by Spain's King

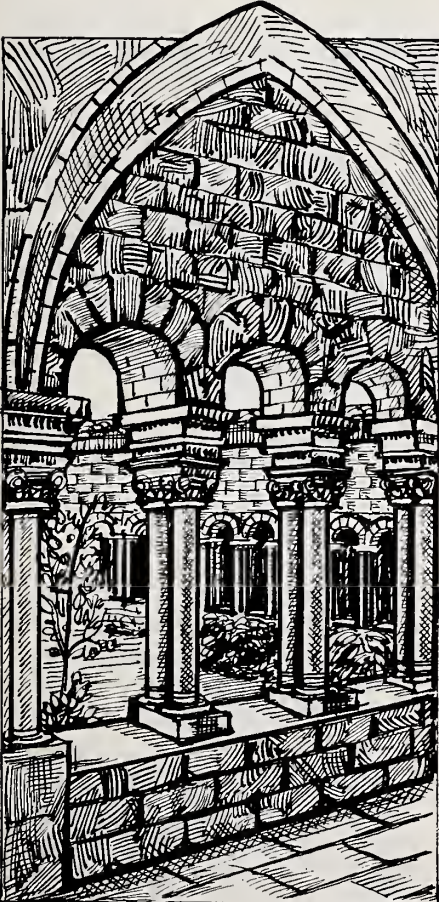
## Off The Highway

Alphonso VII in 1141 in Segovia, Spain, for St. Bernard and the Cistercian monks.

Its 35,000 stones, quarried, hewn and carved by hand, came to Florida in the late 1930's.

The monastery was confiscated by the Spanish Government in 1835 and sold to a farmer who used it to store grain. In 1925, an art agent of millionaire publisher and art collector William Randolph Hearst purchased it for \$500,000.

Hearst had the structure dismantled, stone by stone, packed in hay in 11,000 crates and shipped to the United States where it was to be rebuilt on Hearst's San Simeon estate on the coast of central California.



The monastery was moved from Spain to North Miami Beach

Unfortunately, the U.S. Dept. of Agriculture believed that the hay contained hoof and mouth disease, which was sweeping through Segovia at that time. The hay was burned and the quarantined boxes were moved to a warehouse.

In the late 1930's, two enterprising South Florida real estate men bought the pieces and had them shipped to Miami.

Again fate intervened. When the hay was burned the stones had not

been put back in the same boxes in which they had been shipped. Assemblers found a giant jigsaw puzzle that took eight stonemasons 19 months and \$1.5 million to solve. But, at last, they rebuilt a masterpiece of Romanesque and early Gothic architecture that has attracted millions.

Travelers can see it at 16711 W. Dixie Highway in North Miami Beach. Guided tours cost \$1.50 for adults, 75¢ for children 6 to 12.



## VETERANS FLORIDA RETIREMENT STARTS AT \$18,640\*

### NO CASH DOWN! NO CLOSING COSTS!

- ☆ \$1,000,000 clubhouse (membership optional)
- ☆ No need to touch savings
- ☆ Monthly payments from \$167.57
- ☆ Close to beaches and fishing
- ☆ Close to veteran's hospitals
- ☆ Central sewer and water



\$18,640 \*Lexington shown with optional garage.

Now you can join the hundreds of families who have taken advantage of low interest, government guaranteed loans to buy in Florida's first retirement community especially for veterans. Veterans Village is located on Florida's famous Suncoast and qualified veterans can move in with **NO CASH DOWN** and **NO CLOSING COSTS**! Prices range from \$18,640 to \$29,140 for a beautifully finished one, two or three bedroom home. Don't delay . . . send your coupon in today for complete information on Florida's newest retirement community . . . especially for veterans!

**YOUR OWN HOME IN  
THE LEISURE COMMUNITY  
FOR VETERANS**

\*(Prices subject to change without notice.)

**VETERANS VILLAGE, INC.**

3912 Seven Springs Blvd.  
New Port Richey, Fla. 33552

Send my FREE Veterans Village Kit (color brochure, model plans and prices, and Florida inspection trip details) by return mail:

Name

Address

City  State  Zip

Interested in home with ☐ 1 bedroom ☐ 2 bedrooms ☐ 3 bedrooms  
☐ I would like to plan a visit to Veterans Village.

**NO COST OR OBLIGATION** Phone No. (  )



AL-11



EQUAL HOUSING  
OPPORTUNITY



**LEGIONNAIRES:** Depending on Your Age You Can Get



## Up to \$11,000 in American Legion

### Who Needs American Legion Life Insurance?

#### THE VIETNAM ERA LEGIONNAIRE

The American Legion Life Insurance Plan is perfect for young men just starting out. After all, when your family is growing, you need life insurance more than anyone else. But at the same time you have to be especially careful with your budget. The American Legion Life Insurance Plan provides the solution: maximum benefits in the early ages at a yearly premium most families can afford.

#### THE WORLD WAR II ERA LEGIONNAIRE

This is the time of your life when you and your wife are suddenly free to do all the things you've dreamed about. The kids are grown, your financial situation has stabilized, the best years are ahead. Sure, you still need life insurance, but not quite as much. And you don't want to spend a fortune to get the insurance you do need. The Legion Plan provides the financial security your wife needs at a premium that will leave you plenty of cash for that trip to Hawaii.

#### THE RETIRED LEGIONNAIRE

One of the most important functions of your insurance estate should be to cover your final expenses so they won't be a burden on your survivors. There are many insurance policies designed to cover these expenses, but your Legion Plan is especially designed by Legionnaires, for Legionnaires, at a price most of us can afford. And there's no waiting period for your benefits to go into effect. You're covered from the first day your coverage is approved and your policy or certificate is issued.

### Features That Make Your American Legion Life Insurance Hard To Beat!

#### IS YOUR PRESENT INSURANCE ENOUGH?

No one has to remind you of the ravages of inflation. According to the Department of Labor, inflation has stripped the buying power of your dollar by over one-third in the past ten years! And though you might not have thought about it, the exact same thing has happened to your existing life insurance. So if something happened to you, your family probably wouldn't have enough money to get by. How can you "put back" the value in your life insurance that inflation has stripped away?

As a Legionnaire in good standing, under age 70 and able to meet the underwriting requirements of the Insurance Company, you can take advantage of this inflation-fighting insurance. When you buy American Legion Life Insurance, you can help bring your insurance estate back up to par. So why sit back and let inflation endanger your family's security when it's so easy to do something about it!

#### LIFETIME BENEFITS AVAILABLE

While some term insurance stops covering you at age 70, 65, or even 60, your American Legion Plan always provides some coverage

(subject to continued premium payment) even though the amounts reduce at certain ages.

#### YOUR PREMIUM NEVER GOES UP

No matter what your age when you apply for this insurance and no matter how long you keep it, your premium will always be the same. This makes it especially valuable to young men just starting out or senior citizens on a fixed income.

#### SPECIAL 10% BENEFIT BOOST FOR 1977 ... AT NO EXTRA CHARGE!

Benefits for deaths occurring in 1977 have been increased 10%. This applies to Legionnaires of all ages. Best of all, there is absolutely no extra premium charge for these increased benefits.

#### CHOOSE THE AMOUNT OF PROTECTION YOU NEED

With American Legion Life Insurance, you have a wide range of benefits to choose from, since it's sold by the unit. Eligible Legionnaires may apply for one to six units of protection at an annual cost of \$24 per unit. So you can buy just the protection you need—no more and no less. And if you choose to add units in the future, you're free to do

so as long as your total doesn't exceed six and you are able to meet the underwriting requirements.

An insurance application is included in this ad for your convenience. Answer all the questions—issuance of the policy may depend upon the answers. In some cases a physical may be requested.

#### THE AMERICAN LEGION LIFE INSURANCE PLAN



The only officially  
approved Insurance  
Plan in all states  
for Legionnaires

#### INCONTESTABILITY

Your insurance coverage is incontestable after it has been in force during your lifetime for two years from its effective date.

#### EXCLUSIONS

No benefit is payable for death as a result of war or an act of war, if death occurs while serving, or within six months after termination of service, in the military, naval or air force of any country or combination of countries.



# Life Insurance For Only \$24 a Year!

## BENEFITS—Annual Renewable Term Insurance (Policy Form GPC-5700-374)

Benefits determined by age at death and include the 10% SPECIAL INCREASE for deaths occurring during 1977. Maximum coverage limited to 6 units.

Age at Death	6 Units	5 Units	4 Units	3 Units	2 Units	1 Unit
Through age 29	\$66,000	\$55,000	\$44,000	\$33,000	\$22,000	\$11,000
30-34	52,800	44,000	35,200	26,400	17,600	8,800
35-44	29,700	24,750	19,800	14,850	9,900	4,950
45-54	14,520	12,100	9,680	7,260	4,840	2,420
55-59	7,920	6,600	5,280	3,960	2,640	1,320
60-64	5,280	4,400	3,520	2,640	1,760	880
65-69	3,300	2,750	2,200	1,650	1,100	550
70-74*	2,178	1,815	1,452	1,089	726	363
75+over	1,650	1,375	1,100	825	550	275
Prorated Premium†	\$48	\$40	\$32	\$24	\$16	\$8

\*No persons age 70 or over (including those desiring additional coverage) will be accepted for new insurance.

†PRORATED PREMIUM TO SEND WITH YOUR APPLICATION. The premiums shown above are for the remainder of 1977, for approved applications effective September 1, 1977. Premiums for applications approved for October 1 or later are proportionately less, at \$2 PER MONTH PER UNIT, and any overpayments will be refunded. Premiums accompanying non-approved applications will be refunded in full.

**EFFECTIVE DATE** Your insurance becomes effective on the first day of the month coinciding with or next following the date your application is approved by the Insurance Company. Insurance may be maintained in force by payment of premiums when due.

Application Subject to Underwriter's Approval

## APPLY TODAY

Why not take advantage of this opportunity right now? Just select the number of units from the chart at left, fill out the application below and enclose your check or money order for the prorated premium indicated to provide coverage for the rest of the year.

**IF YOU LIVE IN FL, IL, NJ, NY, NC, OH, PR, TX, or WI** send for special application. Applications and benefits vary slightly in some areas.

### MAKE CHECK

### OR MONEY ORDER PAYABLE TO:

The American Legion Life Insurance Plan

### MAIL TO:

The American Legion Life Insurance Plan  
P.O. Box 5609  
Chicago, Illinois 60680

### NOTICE OF DISCLOSURE OF INFORMATION

Information regarding your insurability will be treated as confidential except that Occidental Life Insurance Company of California may make a brief report to the Medical Information Bureau (M.I.B.), a non-profit membership organization of life insurance companies which operates an information exchange on behalf of its members. Upon request by another member insurance company to which you have applied for life or health insurance, or to which a claim is submitted, the M.I.B. will supply such company with the information it may have in its files.

Occidental may also release information in its file to its reinsurers and to other life insurance companies to which you may apply for life or health insurance, or to which a claim is submitted.

Upon receipt of a request from you, the M.I.B. will arrange disclosure of any information it may have in your file. Medical information will only be disclosed to your attending physician. If you question the accuracy of information in the Bureau's file you may seek correction in accordance with the procedures set forth in the Federal Fair Credit Reporting Act. The address of the Bureau's information office is P.O. Box 105, Essex Station, Boston, Mass. 02112; Phone (617) 426-3660.

## ENROLLMENT CARD FOR YEARLY RENEWABLE TERM LIFE INSURANCE FOR MEMBERS OF THE AMERICAN LEGION

Full Name \_\_\_\_\_ Birth Date \_\_\_\_\_  
Last First Middle Mo. Day Year

Permanent Residence \_\_\_\_\_  
Street City State Zip

Name of Beneficiary \_\_\_\_\_ Relationship \_\_\_\_\_  
Example: Print "Helen Louise Jones." Not "Mrs. H. L. Jones"

Membership Card No. \_\_\_\_\_ Year \_\_\_\_\_ Post No. \_\_\_\_\_ State \_\_\_\_\_

I apply for the amount of insurance indicated below. (check appropriate box or boxes).

6 Units ☐ 5 Units ☐ 4 Units ☐ 3 Units ☐ 2 Units ☐ 1 Unit ☐ 1/2 Unit ☐

The following representations shall form a basis for the Insurance Company's approval or rejection of this enrollment: Answer all questions.

1. Present occupation? \_\_\_\_\_ Are you now actively working?

Yes ☐ No ☐ If no, give reason \_\_\_\_\_

2. Have you been confined in a hospital within the last year? No ☐ Yes ☐ If yes, give date, length of stay and cause \_\_\_\_\_

3. During the last five years, have you had heart disease, circulatory disease, kidney disease, liver disease, lung disease, diabetes, or cancer, or have you had or received treatment or medication for high blood pressure or alcoholism? No ☐ Yes ☐ If yes, give details \_\_\_\_\_

I represent that to the best of my knowledge, all statements and answers recorded on this enrollment card are true and complete. I agree that this enrollment card shall be a part of any insurance granted upon it under the policy. I authorize any physician or other person who has attended or examined me, or who may attend or examine me, to disclose or to testify to any knowledge thus acquired.

Dated \_\_\_\_\_, 19\_\_\_\_ Signature of Applicant \_\_\_\_\_

The American Legion offers this Insurance through Occidental Life Insurance Company of California, 877  
GMA-300-19 10-70 Home Office: Los Angeles, California  
(Univ.)

### ACKNOWLEDGEMENT AND AUTHORIZATION

I have received and read the Notice of Disclosure of Information at left. Further, I authorize any physician, medical practitioner, hospital, clinic, or other medical or medically related facility, insurance company, the Medical Information Bureau or other organization, institution or person having any records or knowledge of me or of my health to give Occidental Life Insurance Company of California any such information.

A photographic copy of this authorization shall be as valid as the original.

Dated \_\_\_\_\_, 19\_\_\_\_ Signature of Applicant \_\_\_\_\_

☐ I apply for additional Legion Life Insurance. My present certificate number is \_\_\_\_\_





Opposing Views by Energy-Exporting and Energy-Importing Governors

## Will President Carter's Program

**P**RESIDENT Carter has given us the first proposals we have ever had for a truly national, equitable and effective energy policy.

The foundation of the policy is saving energy. And that is the best place to start, for it is the most economical immediate option. America, with 6 percent of the world's population, uses 35 percent of the world's energy. We can conserve vast amounts of energy before causing significant hardships to our people. Countries in Northern Europe, with a standard of living equal to ours, consume only about half the energy we do on a per capita basis.

The reason why they have been able to make such dramatic savings is simple enough—conservation also makes economic sense. The cost of saving a barrel of oil is far below the cost of producing a new one. As energy prices continue their inevitable increase, conservation becomes the only way to slow that upward spiral.

Opponents of saving energy say there are substantial oil and gas reserves yet to be found, and the government should offer tax incentives for new exploration and production. But those critics don't mention the fact that the consumer will have to pay an exorbitant price for new supplies. The truth is—while we may have substantial energy resources, they will cost twice what we now pay, and clearly they won't last forever.

What happens if we take the "more exploration, more production" crowd at their word, and they are wrong? Emphasizing conservation gives us time for choices in the future; time to develop alternative energy sources. Reliance on increased exploration and production leaves us no future choice. If estimates of potential reserves are inaccurate, we will have crisis of unspeakable dimensions.

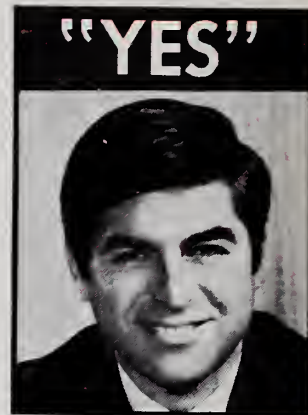
Conservation thus makes sense.

This does not mean the President ignores the

need for production of new energy supplies. The most profitable place to explore and develop new energy sources will continue to be the United States. In all other countries, government keeps much of the profit from exploration. New oil under the Carter program will sell, in 1980, for close to \$15 a barrel. Such prices should not create

hardship in the board rooms of the oil industry. The program outlined by the President includes an impressive approach to increased production: a massive program for coal development; substantial incentives for increased natural gas production; a strong push for solar energy, providing some solar heating in 2.5 million homes by 1985; streamlining the licensing process for future power plants, and development of new ideas like co-generation, low scale hydro-power, electric autos and wind power.

President Carter's program offers a proper balance of energy saving and energy production. His plan provides reasonable alternatives to our present wasteful use of energy. And implementation of his policies will create new jobs for thousands, while safeguarding our present living standards.

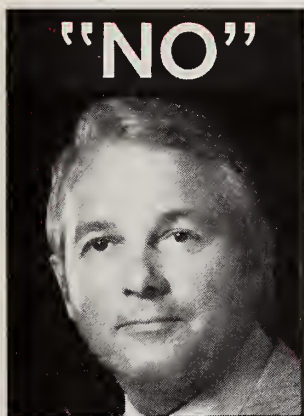


Michael S. Dukakis  
Governor, Massachusetts

**If you wish to let the Governors know how you feel on this issue, fill out**



# Solve The Energy Crisis?



Edwin W. Edwards  
Governor, Louisiana

**M**Y ANSWER to this inquiry is an emphatic No. Before attempting to explain my response, it is necessary to define the nature of the "crisis" and to describe what I consider to be an acceptable "solution."

Currently, the "crisis" is not one of supply, *per se*. It is a crisis of source and, concomitantly, one of price, in terms of na-

tional security, mounting trade deficits, inflation, jobs and economic growth.

In my judgment, any meaningful solution to the problem must reduce our ever increasing dependence upon imports. We must in the process drastically alter our profligate consumption patterns through meaningful conservation measures. We also must undertake a monumental research effort to develop, rapidly, less conventional technologies and move quickly to the commercialization of those technologies. We must expand both the mining of coal and accelerate use of nuclear power.

All of this, of course, cannot occur overnight. The capital requirements will be immense. The costs in lifestyle, inflation, jobs and economic growth will be painful. We must maximize the exploration for, and production of, our remaining reserves of domestic oil and natural gas. The Carter proposal addresses only the conservation side of the equation and, to a large extent, on an unrealistic basis. We cannot merely *save* our way out of the crisis. We must also produce additional domestic supplies of oil and natural gas and set realistic goals for conservation and conversion.

While recognizing the folly of consuming energy at less than its replacement cost, the administration

proposes to continue wellhead price controls upon interstate gas, extend those controls to the highly successful, unregulated intrastate market, and roll back current intrastate market clearing prices to a level *below* what Federal Power Commission rate design would determine to be the producer's cost of finding and producing new supplies.

In sum, the program is not "balanced." Its conservation goals are unrealistic and unachievable, while its production incentives are inadequate or overstated. If implemented, it will result in pervasive economic decline.

I would not be critical of someone else's program without offering a suitable alternative. The energy crisis requires a national policy which includes the following basic elements:

1. Initiate and enforce conservation measures.
2. Suspend for five years all ecological rules, regulations and laws relating to the discovery, production, transportation and use of energy.
3. Emphasize use of coal.
4. Immediately make available to any interested party any federally-owned area for exploration for oil and gas.
5. Remove all governmental restrictions on prices, including the deregulation of natural gas prices.



I have read in The American Legion Magazine for August the arguments in PRO & CON: Will President Carter's Program Solve the Energy Crisis?

**IN MY OPINION THE ANSWER TO THIS QUESTION IS:**

YES ☐ NO ☐

SIGNED \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOWN \_\_\_\_\_ STATE \_\_\_\_\_

You may address Governor Dukakis at the State House, Boston, MA 02133; Governor Edwards at the State Capitol, PO Box 44004, Baton Rouge, La 80804 or the governor of your state or any Member of Congress on this question.

the "ballot" and mail it to either or both: ➔



# Veterans Newsletter



## MAJORITY OF CONGRESS BELONGS TO LEGION:

Of the 65 Senators who are veterans, 57 are members of the Legion. The house has 293 Legionnaires out of the 347 veterans elected to that body.

**VETERAN BURIAL ALLOWANCE:** A House Bill authorizing payment of \$150 to any State for reimbursement for expenses incurred in burial of each veteran buried in any State-owned cemetery has been introduced by Rep. Edward Beard (D-RI)...Cemetery or section of cemetery must be solely for veterans...Enactment would satisfy Legion resolution.

**LABOR DEPT. SOUNDS CALL FOR VET EMPLOYMENT:** Labor Department's Employment and Training Division issues urgent appeal to reach 35 percent veteran participation goal for newly created public service employment jobs. Level of vet participation in expanded PSE effort will be watched closely by veterans organizations, Congressional committees and others. State employment security agencies, The American Legion and other veterans organizations have been alerted to need to meet 35 percent goal. Burden of new vet employment drive rests with state employment security agencies cooperating with USG's regional veterans employe representatives. These reps with state vet representatives are responsible to encourage eligible veterans to apply for PSE jobs. Situation represents specific test of whether SESA are providing veterans preference. Program provided by the Comprehensive Employment and Training Act, Titles II and VI.

**Upgrading of Military Levels Urged:** Nat'l Adj. Bill Hauck has urged joint congressional budget committee to upgrade Army ceilings to 790,000 and assign more troops to NATO...to improve combat readiness in Europe in light of continuing Soviet bloc conventional arms superiority...Legion also reiterated support of B-1 bomber and cruise missile development.



National Adjutant William F. Hauck presents a replica of the Betsy Ross flag to Mayor William Hudnut of Indianapolis on Flag Day, 200th anniversary of Stars and Stripes.

## MILITARY RETIREMENT HEARINGS SET:

Military retirement...and other compensation matters...will be studied in early fall by President's special Blue Ribbon Commission...House Military Comp. Subcommittee may hold preliminary hearings before Commission completes study...Some Congressmen have said they want to see military retirement costs "brought under control"...With "Double-Dippers" under attack...can "Single Dippers" be far behind??

## OTHER VETERANS' LEGISLATION PROPOSED:

House passed three measures affecting veterans...six percent increase in compensation for disabled vets and survivors...increased awards of service-connected compensation to certain vets who have suffered loss or loss of use of paired extremities...also, automobile assistance allowance and adaptive equipment to WW I vets...all measures go to Senate Vets Committee.

**BITS FROM VETERANS ADMINISTRATION:** New payment procedures for GI Bill students started June 1...full details available at local VA offices...Also, GI Bill students are urged to contact schools now if they are interested in advance payments for fall enrollment...New VA procedures for educational assistance payments require written requests to the schools by new students for advance payments...Remember, advance payment of educational allowances for GI Bill students starting classes is no longer automatic.

## RECRUITING FOR SPACE SHUTTLE CREWS:

National Aeronautics and Space Administration (NASA) recruiting for space shuttle crew members has resulted in 2,591 applicants...extra effort being made to recruit minorities and women...current NASA recruiting drive is to select 15 pilot and 15 mission specialist candidates in December, 1977...All branches of military services are being screened for possible astronaut duty.

**AUSTIN E. KERBY NAMED:** Kerby, director of The American Legion's Economic Division, named to a 19-member steering committee designed to generate broad-based support for HIRE (Help through Industry Retraining and Employment) program of the federal government. Steering committee formed during White House meeting with President Carter, Labor Secretary Marshall and other representatives of government, business and veterans organizations. Program aimed at two veterans groups—unemployed disabled veterans and Vietnam veterans.



# Legion Panel Fights Threat to Benefits

A special American Legion committee will "blow the whistle" on attempts in government to reduce or eliminate veterans benefits.

National Commander William J. Rogers said veterans must be alerted about:

- Efforts to merge veterans' compensation and pension programs into "social welfare programs" administered by the Department of Health, Education and Welfare.
- A National Academy of Sciences recommendation that the VA hospital system be merged into community health programs.

## Fourth Estate Winners Named

The Columbus (OH) Dispatch and Parade Magazine have been named the winners of the 1977 American Legion "Fourth Estate" awards. The awards are made each year to persons or organizations who have made outstanding contributions in the field of communications.

The selections were announced by C. D. DeLoach, chairman of the Legion's National Public Relations Commission, and by James Watkins, national public relations director. The awards will be made by National Commander William Rogers at the Denver convention.

Jess Gorkin, editor of Parade, will accept for his Sunday newspaper supplement which was cited for its consistent support of law enforcement and for articles dealing with criminal justice and police work. Ed Mason, public services director for the Columbus Dispatch, will accept for his newspaper which is cited for its "Classroom Extra," a special supplement printed during severe winter weather to permit Ohio children to keep up with their studies despite the fact that fuel shortages had closed schools.

- The continuing danger posed to the VA hospital system by various national health insurance schemes.

In parallel statements, Rogers also called for a redoubled Legion effort to find jobs for veterans and he pledged a continuing fight in Congress to deny automatic VA benefits to Vietnam-era veterans who have less-than-honorable discharges upgraded to honorable under President Carter's special program.

The special committee, Rogers said, will seek to insure that all present veterans' programs are maintained intact under the Veterans Administration.

The committee is headed by William F. Lenker of South Dakota. Other members will be Frank Hamilton of Indiana, Al Keller of Illinois, Harry Davison of Colorado, Dorothy Andrews of Iowa, Chester Stellar of Ohio and Thad Gnidziejko of New Jersey. Acting as consultants to the full committee will be Roy Stone of South Carolina, Dyke Shannon of Florida and Dr. Kenneth J. S. DeSimone of Kentucky.

The committee, known as the Committee on Special Problems of the Veterans Affairs and Rehabilitation Program, will make its first report to the national convention in Denver, Aug. 19-25.

Legion arguments against automatic VA benefits for upgraded discharges had effect in the House which voted an amendment by Rep. Robin Beard, R-TN, to deny such use of 1977-78 appropriations. A stronger bill in the senate (S 1307), backed by the Legion, would deny automatic benefits to the upgraded, but would direct automatic review of individual cases. One draft permits VA treatment of any line-of-duty disability, including those who hold undesirable discharges.

On the job front federal statistics show approximately 1.25 million unemployed veterans, about half of them Vietnam veterans. In April, unemployment of non-veterans 25-29 declined 1.3 per cent while unemployment of veterans in the same age category increased 1.3 per cent.

*(Continued on page 31)*



## CNOs Support Panama Stand

Four former chiefs of naval operations have joined to recommend continued "full sovereign U.S. control" over the Panama Canal and the Panama Canal Zone.

Siding with the American Legion's arguments, the retired admirals have told President Carter that "the Panama Canal represents a vital portion of our U.S. naval and maritime assets, all of which are absolutely essential for free world security."

The message to the President was signed by Adm. Robert B. Carney, Adm. Arleigh Burke, Adm. George W. Anderson and Adm. Thomas H. Moorer. Adm. Moorer also served as chairman of the Joint Chiefs of Staff.

Their comments to the President were made public by Senators John McClellan, AK; Strom Thurmond, SC; Richard Stone, FL, Jesse Helms, NC.

"We note that the present Panamanian government has close ties with the present Cuban government which in turn is closely tied to the Soviet Union," the admirals told the President. "Loss of the Panama Canal, which would be a serious setback in war, would contribute to the encirclement of the U.S. by hostile naval forces, and threaten our ability to survive."



## President Cruises Aboard 'Legion' Submarine



President Carter gets a periscope view as *Los Angeles* runs submerged.

President Jimmy Carter picked the American Legion's nuclear submarine *USS Los Angeles* for his firsthand view of the Navy's undersea fleet. The President, Mrs. Carter and Adm. Hyman Rickover, father of the nuclear submarine, cruised for more than nine hours aboard the ship off Cape Canaveral, FL. (A graduate of the Naval Academy, Mr. Carter served on submarines.)

The *Los Angeles*, first of a new class of hunter-killer craft and described by the President as "the most powerful warship in the world," was adopted in 1975 by the Henry C. Spengler American Legion Post 12 of Washington, DC. The *Los Angeles* was still under construction at that time in the Newport News, VA Shipbuilding Co. yards and post officers inducted more than 100 crewmen into the Legion, in a special naval base ceremony.

### 15 District Commanders Win Convention Trips

Fifteen district commanders from all over the country will travel to the Denver national convention of The American Legion Aug. 19 to 25 at the expense of the national organization.

Each of their districts surpassed official year-end 1976 figures by May 1.

## Legion Support To SEAFARER

National Cdr. William J. Rogers has urged the Joint House-Senate Defense Conference Committee to "weigh carefully" budget cuts proposed for the Navy's Project Seafarer in Michigan. The House proposed a budget cut for the project.

In a telegram to Sen. John C. Stennis of Mississippi, chairman of the joint committee, and the other 24 members, Commander Rogers said, "The Navy has a definitive need for the Seafarer program. It provides a secure, reliable method of communication to our nuclear submarines without exposing them to threat of detection by the Soviet Navy. The technology does not now exist for an alternative form of communication."

Meantime, National Adjutant William F. Hauck asked the same committee to support the program approved by the House Armed Services Committee to increase manning levels of U.S. Army units, primarily NATO.

The Adjutant said The American Legion supports a recommendation of the House Armed Services Committee that would set Army strength at a stable 790,000 uniformed personnel.

## THE NEW LOOK FROM NATIONAL EMBLEM SALES!!

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Prices good through December 31, 1977



## Missouri Department Helps Plan Memorial to Pershing



This artist's concept will come to life at Laclede, MO, boyhood home of Gen. John J. Pershing, as a memorial to the general and the men of the World War I American Expeditionary Force. Endorsed by the governor of Missouri and Gen. Omar Bradley, the project is being supported by the American Legion Department of Missouri and various military and veterans organizations. It will include a museum. Additional information and commemorative medals are available from the Pershing Park Memorial Assn., PO Box 177, Laclede, MO 64651.

## Carter Decision to Scrap B-1 Bomber Is Protested

The American Legion has protested President Carter's decision to halt development of the B-1 bomber. "We believe you have seriously compromised our strategic deterrent capability in the face of continuing

Soviet . . . build up in offensive weapons," Cdr. Rogers told the President in a special message. Urging Carter to re-examine his decision, Rogers said the 1976 Legion convention unanimously endorsed the B-1.

(CONTINUED FROM PAGE 29)

## Legion Fights Benefits Threat

Rogers called for Legion support at every level for the three-point White House program that involves the Disabled Veterans Outreach Program, on-the-job training opportunities and public service employment. Rogers urged intensified efforts to bring veterans to state employment security offices to make them aware of these programs. The Economics Division also suggests:

- Departments include job information in all communications.
- Posts share data with civic groups.

- Information be made available wherever eligible veterans gather.
  - Auxiliary and other women's groups be alerted to assist women veterans.
  - Maximum publicity be encouraged.
- Vietnam-era veterans seeking to upgrade general or undesirable discharges under the special Carter program face an Oct. 4 deadline. The same applies to deserters who can receive "less than honorable" discharges. Applications can be made by toll-free telephone: 800-325-4040, except for those living in Missouri, Alaska, Puerto Rico, Hawaii or a foreign country. Their number is 314-423-9120.



## WIN A HANDSOME NEW FORD



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Please enter my name in the free drawings for two Ford Granada 2-door Hardtops donated by the Seagram Posts to the American Legion National Convention Corporation of Colorado. Drawings to be held Saturday, August 20, 1977 at Mile High Stadium, Denver, Colorado. Entries must be received no later than midnight, August 19, 1977.

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Legion or Auxiliary Membership Card # \_\_\_\_\_

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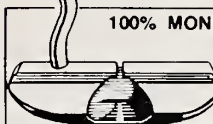
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# Carolina's Caliendo Picked Legionnaire Of the Month

James V. Caliendo, Jr., 62, a member for more than 30 years of Rhyne-Cannon Post 266, Stanley, NC, is Legionnaire of the Month for August.

Commander of his post for four terms, Caliendo has served as department sergeant-at-arms, is a past 22nd District vice-commander and 22nd District commander. He served as Gaston County Council commander and was a member of the National Legion's Law and Order Committee.

He also headed the department's special guests committee and was Grand Chef du Train of the 4th Division of the Forty and Eight.

Dedicated to community service, Caliendo was instrumental in the Legion's participation in the Stanley Cancer Fund Drive, organized Memorial Day services and has organized and acted as master of ceremonies at flag presentation ceremonies.

Caliendo served in the infantry during WW II in Europe. He is a salesman, is married, has three children and seven grandchildren.



*Caliendo*

## Maryland Dept. Beats 1976 Membership Figure

The Department of Maryland has become the fifth department so far this year to surpass its official 1976 membership figure, Membership and Post Activities Director Robert W. Spanogle reported.

The Maryland Department has exceeded its previous year's membership for 16 consecutive years, a recent American Legion record.

So far this year, Maryland Adjutant Daniel Burkhardt reports membership at 56,346, compared with 56,333 at the close of last year's books.

## TAPS

**The Rev. Fr. Cormac A. Walsh, OFM**, spiritual adviser to the William G. Walsh Post 369, Dorchester, MA, died May 4 while visiting in Florida.

Father Walsh was one of the U.S. Army's most decorated chaplains and was called a "hero from a family of heroes."

Post 369 was named for his brother who was awarded the Congressional Medal of Honor posthumously for bravery during World War II.

**Louis S. Silvey**, Mattapan, MA, died June 8 at age 90. He was a life member of Post 128, Mattapan, and in 1964 he was the recipient of a National Commander's citation for outstanding acts of character.

**Post 227, Totowa, NJ**, recently presented Brownie Troop 88 a new American flag when the girls' old flag became worn and unserviceable. The Brownies carried their new flag in the Totowa Memorial Day parade.

**Frank Berry of Post 228, Tacoma, WA** recently presented Air Force JROTC awards to Dale Iannello for military excellence and Ray Glasman for scholastic achievement. Both attend Franklin Pierce High School.

# Leffler Named Deputy at V.A.

John J. Leffler, a 50-year-old veteran of three wars and most recently a system planner and technical adviser at the Pentagon, is the new Associate Deputy Administrator of the Veterans Administration.

His appointment to the No. 3 position in VA was announced today by Max Cleland, Administrator of Veterans Affairs.

Leffler will assist Administrator Cleland in the top management of VA, which has an annual budget of more than \$19-billion and the second largest work force in government.

Leffler served 15 months in the Army during World War II.

He was graduated from the U.S. Military Academy at West Point in 1951, and was awarded the Purple Heart during combat service in Korea. He was severely disabled in January 1968 while serving as a Battalion Commander with the Army's 9th Infantry Division in Vietnam.

## NEW POSTS

The following new posts were recently chartered by The American Legion:

Robert T. Frederick Post No. 296, San Diego, CA; Orange Park Post No. 338, Orange Park, FL; Everett B. Olson Post No. 1101, Lombard, IL; Edwin Adams Post No. 293, Waldorf, MD; Raritan Twp. Memorial Post No. 506, Raritan Twp., NJ; Bridgewater Post No. 507, Bridgewater, NJ; Lopatcong Post No. 508, Lopatcong, NJ; Sgt. Joseph A. Carullo Memorial 1890, Brooklyn, NY; Villalba Post No. 154, Villalba, PR; Sanford Post No. 63, Sanford, VA.

## LIFE MEMBERSHIPS

The award of a life membership to a Legionnaire by a Post is a testimonial by those who know best that such a member has served The American Legion well.

Below are listed some of the previously unpublished life membership Post awards that have been reported to the editors. They are arranged by States or Departments.

**Henry Griffin, Jr.**, (1977) Post 31, Ft. Smith, AR

**Ed Fletcher, Jr., Charles J. Pitt, Sam Sacco, Chester Richards, Sam Snyder, Charles Taylor** (all 1976) Post 6, San Diego, CA

**Milo Crane** (1977) Post 53, Hemet, CA  
**Rev. B. T. Bard, Jesse Barnes, Lester Barnard, John Bartman, Charles Braithwaite, Ben Brubaker** (all 1977) Post 132, Orange, CA

**Charles Bohnstadt, Antonio Lopez, Joseph Pagone** (all 1977) Post 247, Arcadia, CA  
**Wm. Bell, James Howey** (both 1976) Post 500, Mira Loma, CA

**John Dombrowski, Roger Pipin, Joseph Daigneault** (all 1976) Post 15, Jewett City, CT

**Wm. Vail** (1961) Post 47, Wash., DC  
**Lee Tate** (1976), **Joseph Wickham** (1977) Post 163, Eau Gallie, FL

**Arthur Merish** (1976) Post 203, Apollo Beach, FL

**Mary Tropeano** (1977) Post 8, Munich, Germany

**E. V. Kenig** (1977) Post 21, Chicago, IL

**Thomas Daluga** (1977) Post 264, Lake Forest, IL

**Bert De Young** (1971) **Einar Bakkom** (1976)

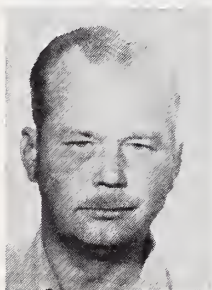
# FBI Asks Legion Help in Search

The Federal Bureau of Investigation has asked Legionnaires to be alert for an Iowan who escaped prison in Cheyenne, WY and is wanted for auto theft and escape from federal custody.

The fugitive, **Keith Laverne Rocky**, 46, a native of Sioux City, IA reportedly has frequented veterans' posts. A former Marine, he

worked as a punch press operator and forklift operator in Sioux City and as a photocopy camera operator in Omaha, NE.

The FBI warns that he should be considered armed and dangerous. He has reportedly exchanged gunfire with police officers. The FBI says anyone with information concerning Rocky should take no action other than to contact the nearest office of the FBI. Rocky is described as 5 feet, 9 inches tall; 190 pounds and has used Social Security number 480-26-3723.



**Rocky**





\$15,000 Rescue vehicle shown here has been donated to the city of East Grand Forks, MN, by Post 157. Cdr. Cyril Wysocki presented the keys to Mayor L. W. Murray. Fire department officials shown with the vehicle are Engineer Donald Boushee, Chief Daniel Formato and Assistant Chief Charles Vino.

Frank Halstead (1977) Post 606, Hebron, IL  
 Louis Brockman (1976) Post 805, Chicago, IL  
 James Ferrero, Ross Graeber, Sr., (1977) Post 20, Crown Point, IN  
 Virgil Hoepfner (1975) Wayne Miller (1976) Donald Reichhart (1977) Post 377, Woodburn, IN  
 Sal Butitta (1977) Post 2, Ruston, LA  
 Earl Schmitt (1977) Post 218, Algiers, LA  
 Charles Mills (1976) Post 60, Laurel, MD  
 Mary Timcoe, Wm. Morrill (both 1976) Post 380, Quincy, MA  
 Herbert Taylor, Gordon Houk, Wayne Hicks (all 1976) Vern Bull, Kenneth Gerry, (both 1977) Post 29, Jackson, MI  
 Willis Young, (1977) Post 216, Princeton, MN  
 Herman Engebretson, Art Mattson, Richard Rossow (all 1977) Post 253, Lowry, MN  
 Charles Johnson, Axel Anderson, Norman Arveson (all 1975) LeRoy Best (1974) Post 255, Brainerd, MN  
 Leander Anderson, Andrew Eftefield, Alfred Huidsten, Nels Huidsten, Torkel Koland (all 1971) Post 390, Stephen, MN  
 Dan Dereschuk, Wm. Hanson, Harvey Huttenen, Adolph Kantola, Carl Newlander (all 1977) Post 502, Floodwood, MN  
 Grady Whitten (1976) Post 53, Lucedale, MS  
 Louis Cerutti (1965) Martin Beffa (1952) Post 15, St. Louis, MO  
 Eva Miller (1977) Post 340, Sugar Creek, MO  
 Warren Barrett (1976) Post 4, Keene, NH  
 Eileen Foley, Patrick Snow (both 1977) Post 6, Portsmouth, NH  
 Albert Nadeau (1977) Post 21, Concord, NH  
 Clyde McPherson (1976) Wm. Camp (1975) Carlton Camp (1968) Rulon Peek (1969) Raymond Hatcher (1967) Post 82, Millville, NJ  
 Peter Carnesale (1977) Post 186, Hammon-ton, NJ  
 Arthur Keinath (1977) Post 423, Milton, NJ  
 Horatio Cramer, Felix Flegel, Sydney Kerr, Bert Lampe, Peter Lewinski (all 1977) Post 430, Cologne, NJ  
 Charles McLane (1974) Gordon Rose (1976) Post 87, Dansville, NY  
 James Carberry, Alan Fidler, Carl Hem-berger, Emil Clauss, Charles O'Connor, Ray-mond Cressler, Wayne Baumgartner (all 1977) Post 205, Kenmore, NY  
 Phillip Bentley (1977) Post 366, Seneca Falls, NY  
 Eugene Owens (1976) Post 673, Black River, NY  
 Andrew Mills, John O'Toole (both 1977) Post 821, Clayton, NY  
 John Tipping (1977) Post 1033, Elmont, NY  
 Harold Pearsall (1976) Alfred Benson, The-odore Nasdahl (both 1977) Post 1115, Flush-ing, NY  
 James Collesler (1977) Post 1556, Madison, NY  
 Rev. James Tuxbury, Jacob Leingang, Jr., Leo Schwehr, Joseph Schaaf, Jacob Berger (all 1976) Post 40, Mandan, ND  
 Wm. Elliott, Robert Trabant (both 1977) Post 358, Clifton Hgts, PA  
 Clive Purchasehouse (1977) Post 640, Turtle Creek, PA  
 Bernard Riegner (1965) Richard Klein, Henry Mulbauer (both 1976) Post 671, Pitts-burgh, PA  
 Henry Ayres (1976) Earl Prouty, Joseph Lobravico, Peter Pacitto, Wm. Hall, (all 1977) Post 69, Arlington, VT  
 Coleman Hunter, Welford Landram, Na-tham Sternheimer, Harold Wilder, MG Thal-himer (all 1976) John Gayle (1977) Post 1, Richmond, VA  
 Charles Sauerwald, AG Bialkowski, Joseph Feldner, Augustus Robbins, Jr., Calvin Scruggs, Charles Volkmann (all 1977) Post 17, Richmond, VA  
 Ross Gerard (1977) Post 12, Grafton, WV  
 Harold Bealman, Henry Dodson, Lenu

Johnson, Herbert Tobias (all 1976) Post 60, Berkeley Springs, WV  
 Walter Brezinski (1977) Post 479, Mil-waukee, WI  
 Life Memberships are accepted for pub-lication only on an official form, which we provide. Reports received only from Com-mander, Adjutant or Finance Officer of Post which awarded the life membership.  
 They may get form by sending stamped, self-addressed return envelope to:  
 "L.M. Form, American Legion Magazine, 1608 K St., NW, Washington, DC 20006"  
 On a corner of the return envelope write the number of names you wish to report.  
 No written letter necessary to get forms.

## COMRADES IN DISTRESS

Readers who can help these veterans are urged to do so. Usually a statement is needed in support of a VA claim.  
 Notices are run only at the request of American Legion Service Officers represent-ing claimants, using Search For Witness Forms available only from State Legion Service Officers. Please contact CID #\_\_\_\_; The American Legion Magazine, 1608 "K" Street, NW, Washington, DC 20006.  
 3409th Student Sq.—Need to hear from any-one who remembers Jason Lee Frame was injured when reaching for an 80 lb. pan while stationed at Keesler AFB, MS, dur-ing Oct. 25, 1968. Please contact CID #385.  
 Casual Co.—Need information from comrades who recall Clifford Leroy Lingerfelt had a convulsive seizure while stationed at Ft. Jackson, SC, during 1969. Please contact CID #386.  
 Naval Overhaul and Repair Dept.—Need to hear from anyone who remembers Sydney A. Roper received an injury to his head while roughhousing enroute from Norman, OK, to San Diego, CA, after March 10, 1945. Please contact CID #387.  
 9th Marines, 2nd Bn.—Need information from comrades who recall Jacky C. Perdue in-juring his spine, legs, and arms while driv-ing an M 274 when stationed at Camp Carol, Vietnam, during August 1968. Please contact CID #388.  
 Viengen, Germany.—Need to hear from any-one who remembers Glenn Lamarca hav-ing black out spells and convulsions during 1972. Please contact CID #389.  
 26th Inf Regt., 1st Div.—Need information from comrades who recall Gilbert J.

Chabre injuring his back while on duty at Bamberg, Germany during 1953. Please contact CID #390.  
 109th Inf, Co G, 2nd Bn, 28th Div—Need to hear from anyone who remembers Leo-dice G. Hammond having shortness of breath and spells of regurgitating while stationed at Reese Brks., Augsburg, Ger-many during Jan-Sept of 1953. Please con-tact CID #391.  
 504th Bmb Gp., 880th Bmb Sq.—Need infor-mation from comrades who recall Harry Lencz being hit on the left side of his head with a baseball while stationed at Muroc Air Force Base, CA, during 1944-1945. Please contact CID #392.  
 324th Inf, Co I—Need to hear from anyone who remembers Frank A. Esenberg who needs witnesses to verify his signature on a legal document when he was stationed at Ft. Lewis, WA, during Feb. 11, 1943. Please contact CID #393.  
 64th Tnk Bn, 3rd Inf Div, Co C—Need infor-mation from comrades who recall Jose E. Gutierrez receiving a back injury while stationed at Cher-Whun Valley, Korea during May 1953. Please contact CID #394.

## OUTFIT REUNIONS

Reunion will be held in month indicated. For particulars write person whose address is given.  
 Notices accepted on official forms only. For form send stamped, addressed return envelope to O. R. Form, American Legion Magazine, 1608 K St. N.W., Washington, D.C. 20006. Notices should be received at least five months before scheduled reunion. No written letter necessary to get form.  
 Earliest submission favored when volume of requests is too great to print all.

## ARMY

1st Cleveland Cav, 107th Arm'd Cav—(Oct) Edmund Norwick, Jr., 31975 Creekside Dr., Pepper Pike, OH 44124  
 2nd Cav—(Oct) D. R. Howell, 1414 W. Michi-gan Ave., Jackson, MI 49202  
 5th HQ Corps (WW2)—(Oct) Geo. Frey, 1614 Agency St., Burlington, IA 52601  
 11th Eng (WW1)—(Oct) Gus Grossmann, 35 Oak Ave., Tenafly, NJ 07670  
 14th Coast Art'y—(Oct) Frank Massey, 1865 Sherwood SE, Grand Rapids, MI 49506  
 15th Major Port TC—(Oct) Roland Schaeff-

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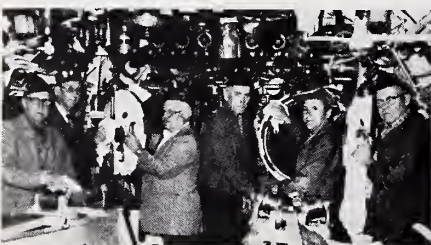


First members of the new Sons of the American Legion Squadron 361 were recently initiated and presented lapel pins by **McKeesport, PA Post-361** Cdr. Russell Robertson. Sqdn. leader Ellwood Brunzell looks on as (l to r) Milton Kirschner, Matthew Butler and Gary Kirschner receive their pins

## POSTS IN ACTION



Among the historical sites visited by Nat'l. Cdr. William J. Rogers during his tour of Pennsylvania was the Liberty Bell. Accompanying Rogers are (l to r) Dawson Brown, Eastern Vice-Cdr.; Dr. Almo J. Sebastianelli, NECman; Edward Walczak, Philadelphia County Cdr.; Joseph V. Adams, Dept. Cdr.; and Adj. Edward T. Hoak



Polishing the brass of submarine, USS Cobia, are members of **Post 88, Manitowoc, WI**. The sub is permanently berthed in Manitowoc, construction site of 28 WW II subs, now the home of a Maritime Museum. Legionnaires (l to r) are: Bernard Rehbein, Richard Taucek, Edward Anderson, Norbert Zelin-ski, Steve Petreshock and Don Larson.



Cleve V. Stairs, Cdr. **Post 61, Revere, MA**, recently presented Legion medal for military science achievement to Robert Rosetti (left), and a medal for scholastic excellence to Donald Bruce. Rosetti and Bruce are two outstanding JROTC Marine cadet officers at the Billerica High School.



Costa Rica's Minister of Health, Education and Welfare Carlos Araya cuts the ribbon at dedication of a new swimming pool at Boy's Town, a gift of The American Legion **Department of Panama and the Canal Zone and Post 10, Costa Rica**. Occasion was the department's annual convention at San Jose, Costa Rica. Boy's Town has been a department project for 20 years.



**Post 154, Thompsonville, CT**, recently presented an ambulance to the Enfield Community Ambulance Service, a gift of the 307 members of the post. This is the second emergency vehicle the post has presented to the community. The Enfield Cardio Alert System assists many heart attack victims each year and transported more than 1700 sick or injured persons to local hospitals last year. Post 154 has been supporting this community service for the past 27 years. Pictured (l to r) are Committee Chairman Mitch Pabis, Chief of Police Walter Skower, and Post Cdr. Edward Zukowski.



When **Post 281, Gloucester Township, NJ**, burned down two years ago, members immediately undertook the task of rebuilding. Harry A. McDowell, III, the post commander at the time of the fire, enlisted help from area veterans to rebuild the post home. The new home was officially opened in May. Former Dept. Cdr. Walt P. Kuhner (left) presented McDowell a special plaque.



## Post Shows Its Heart



Bill Heintz and Larry Taylor of Post 1231, East Greenbush, NY present check for \$10,861 to Dr. George Riley, American Heart Association, and to Karl Myers, 7, who underwent open heart surgery in 1975.

fer, 1805 Sybil Court, St. Louis, MO 63125  
29th Div, 175th Cannon Co—(Oct) Phillip Paul, Box 293, Finleyville, PA 15332  
37th Ord Co—(Oct) Tony Gailes, 218 Radcliffe St., Pittsburgh, PA 15204  
62nd AAA AW Bn—(Oct) Arthur Flynn, 210 Gossage Way, Petaluma, CA 94952  
62nd Eng (Top) Co—(Oct) Henry Furman, 1030 Leesburg Rd., Columbia, SC 29209  
64th Chem Depot Co (WW2)—(Oct) Donald Downs, 814 Pearson Dr., Joliet, IL 60435  
66th Fld Art'y, AEF (WW1)—(Oct) Richard Martin, 12105 SW 72nd Ave., Portland, OR 97223  
72nd QM Co A—(Oct) Isadore Goldstein, 929 East 101 St., Brooklyn, NY 11236  
99th Inf Bn—(Oct) Harold Hanson, 302 30th Ave., N. Fargo, ND 58102  
103rd Med Bn 28th Inf. (Sept) Robt. Goldsmith, 37 Farmbrook Dr., Levittown, PA 106th FA—(Oct) Donald Barnes, 19 Deborah Ln., Cheektowaga, NY 14225  
108th Evac Hosp—(Oct) Gabe Pica, 710 S. Main, Abingdon, IL 61410  
109th Inf, 28th Inf Div (WW2)—(Oct) Harold Kaler, 201 W. Penn St., Muncy, PA 17756  
121st QM—(Oct) Harold Casper, 556 State St., Hamburg, PA 19526  
132nd Gen Hosp (WW2)—(Oct) John Schoepf, 907 N. 18th Ave., Melrose Park, IL 60160  
157th FA, 3rd Bn 44th Div—(Oct) Melvin Atkinson, 402 Fulton St., Millville, NJ 08332  
167th AAA Gun Bn—(Oct) Thomas Lodge, 2 Fols Crescent, New Castle, DE 19720  
174th MP Bn—(Oct) Irl Hart, 3745 Tomahawk Trail, Topeka, KS 66609  
203rd QM, 3833rd QM, Co A—(Oct) Herbert Garvey, 4629 Yorkton SW, Wyoming, MI 49509  
243rd FA Bn—(Oct) James Henderson, 5415 Wedgewood Dr., Charlotte, NC 28210  
328th Inf (WW2)—(Oct) Bob Clapp, 208 Aspinwall Ave., Brookline, MA 02146  
347th FA Bn, 91st Div, HQ Bat—(Oct) John Holder, 1323 Claymore Dr., Garner, NC 27529  
389th FA, Bat C, 97th Div—(Oct) GM Goetze, 6276 Charlotteville Rd., Newfane, NY 14108  
405th AAA Gun Bn (WW2)—(Oct) Warren Dillard, 2033 10th St., NW, Roanoke, VA 24012  
450th Eng Depot Co—(Oct) JP Feeney, 98 Daniel St., Carteret, NJ 07008  
461st Ord Ammo Co—(Oct) Charles Kostelancik, 5013 W. Henderston St., Chicago, IL 60641  
497th Sig Photo Serv Co—(Oct) Robert Abel, 725 Jefferson St., Whitehall, PA 18052  
505th MP Bn Co B—(Oct) Samuel Ruff, 166 Butler Ave., SI, NY 10307  
701st Milit Police Bn Co D (WW2)—(Oct) Ernest Sands, 214 N. Jefferson, New Ulm, MN 56073  
772nd Tnk Dest—(Oct) Fred Antwerp, PO Box 115, Sunfield, MI 48890  
776th FA Bn (WW2)—(Oct) Walter Peter-nell, 4162 Bridewood Dr., Akron, OH 44321  
790th FA Bn—(Oct) Gerald Coffman, 6122 Yellow Stone Dr., Alexandria, VA 22312  
820th Tnk Dest Bn—(Oct) Steven Siekierka, 24931 S. Sylbert Ct., Redford, MI 48239  
829th 6662nd 3195th Sig Serv—(Oct) Geo. Wolf, 255-04 Pembroke Ave., Great Neck, Long Island, NY 11020  
830th Eng Avia Bn—(Oct) Mrs. TJ Hager, 910 W. Stone, Weslaco, TX 78596  
1126th, 1399th MP Co AVN (WW2)—(Oct) Edgar Greenawalt, Amberson, PA 17210  
Base Air Depot #2, Warton, Lancashire, England—(Oct) David Mayor, 811 E. 16th Ave., New Smyrna Beach, FL 32069  
Chem Warfare Serv, 2nd and 20th AF (WW2)

—(Oct) Sheldon Eldridge, 235 McKinley Pl., Ridgewood, NJ 07450  
US Army Ambulance Serv—(Oct) Thomas Ellis, 209 E. Maple Ave., Merchantville, NJ 08109

## NAVY

3rd Med Bn, 3rd Mar Div, Co A—(Oct) AW Tandy, 206 S. Jefferson, Verona, WI 53593  
3rd-9th MAW, QM Supply Wing Warehouse MCAS Cherry Point, NC (1944-45)—(Oct) DJ Mullen, PO Box 493, Muskegon, MI 49443  
37th NCB—(Oct) James Burns, 4664 Owen Rd., Memphis, TN 38122  
40th NCB—(Oct) Lyle Bramson, 15 Crane Dr., San Anselmo, CA 94960  
69th NCB—(Oct) Joseph Campbell, 26 Drivers Ln., Laurel Springs, NJ 08021  
70th NCB 1005-1006 Dets 578-579 CBMU—(Oct) Christopher Jaeger, 33 Central Dr., Port Washington, NY 11050  
Composite Sqd 78—(Oct) Earl Homman, RT 1, Lancaster, OH 43130  
LSM 133 (WW2)—(Oct) John Kinnicott, 405 Upper Valley Rd., Rochester, NY 14624  
LST 622—(Oct) Jonah Hartsoe, PO Box 605, Denton, NC 27239  
Recruit Co 3323, Naval Train Sta, Bainbridge, MD (1943)—(Oct) Leroy Ingle, RT 1, Greenville, SC 29611  
USCG Spars—(Oct) Lorraine Tedesco, 7516 Vanderkloot Ave., New Orleans, LA 70127  
USS Arthur Riggs (Armed Guard 1943)—(Oct) Bill Benek, 354 Buffalo St., Beaver, PA 15009  
USS Boise (CL 47)—(Oct) EJ Johnson, 6087 Rasorio St., Chino, CA 91710  
USS Coral Sea (CVB 43)—(Oct) Wm. Flynn, 1511 Eton Way, Crofton, MD 21114  
USS Gilmer (DD 233)—(Oct) Louis Meindle, 4447 N. 36 St., Milwaukee, WI 53209  
USS Guest (DD 472)—(Oct) Joseph Lopez, 631 Luzon, Tampa, FL 33606  
USS Hovey (DMS 11)—(Oct) Bob Caldwell, 210 City Blvd West 206, Orange, CA 92668  
USS Manning (DE 199)—(Oct) Denzel Skerven, 1921 Lincoln St., Wisconsin Rapids, WI 54494  
USS New Mexico—(Oct) Jerrie Oeswein, 40 Calle Parador, Camarillo, CA 93010  
USS Philadelphia (CL 41)—(Oct) Frank Amoroso, 93 Dunbar St., Somerset, NJ 08873  
USS Pickaway (APA 222)—(Oct) Walter Stevens, 2732 Prospect St., National City, CA 92050  
USS Sapphire (PYC 2)—(Oct) Clarence Ackermann, 9315 S. 52nd Ave., Oak Lawn, IL 60453  
USS St. Mihiel (AP 32)—(Oct) Frank Prebezhich, 7020 N. 98th St., Milwaukee, WI 53224  
USS Taylor (DD 468)—(Oct) Edward Hitchings, 488 Essex St., Beverly, MA 01915  
USS Yorktown (CV 5, 10, CVS 10)—(Oct) James T. Bryan, Jr., Frank B. Hall Co of NY, Inc, 88 Pine St., New York, NY 10005

## AIR

8th Air Force—(Oct) John Woolnough, Box 4738, Hollywood, FL 33023  
16th Serv Sqd—(Oct) Daniel O'Gallagher, 516 Riverside Dr., Libertyville, IL 60048  
36th Ftr Gp, 9th AF—(Oct) Ken Myer, 202 N. Davis St., Walton, IN 46994  
48-A Pilot Train Class—(Oct) John Oliver, Jr., RT 2, Box 30, Holland, TX 76534  
61-D Pilot Train Class—(Oct) Ted Studley, 1651 Eastwood Dr., Slidell, LA 70458  
78th Ftr Gp, Duxford—(Oct) Garry Fry, 174 Pauline Dr., Elgin, IL 60120  
94th Bmb Gp—(Oct) Frank Halm, 433 NW 33rd St., Corvallis, OR 97330  
96th Bmb Gp (WW2)—(Oct) Robert Owens, 900 S. Western Ave., 2-R, Chicago, IL 60612  
351st Bmb Gp 8th AF (WW2)—(Oct) Ben Schohan, 398 Catawba Ave., Westerville, OH 43081  
381st Bmb Gp (H)—(Oct) T. Paxton Sherwood, 515 Woodland View Dr., York, PA 17402  
385th Bmb Gp (H) 8th AF, (WW2)—(Oct) Don Hale, PO Box 126, East Alton, IL 62024  
398th Bmb Gp (H)—(Oct) Geo. Hilliard, 7841 Quatermaine Ave., Cincinnati, OH 45236  
407, 415, 431, 434 RCAF (WW2)—(Oct) Geo. Sutherland, 30 Edith Dr., #1201, Toronto, Ont., Canada M4R 1Y8  
482nd Bmb Gp (36th, 813th, 814th Bmb Sqds) Sta 102, Alconbury, England (WW2)—(Oct) Denny Scanlan, 200 W. Plato Blvd., St. Paul, MN 55107  
671st Bmb Sqd 416th Bmb Gp (L)—(Oct) Geo. Marashian, 56 Highland St., Milford, MA 01757  
732nd AAF Band Arm Air Base Harvard, NE—(Oct) Frank White, 1215 W. 5th St., Hastings, NE 68901  
AACS European Theatre—(Oct) Lawrence Camp, 3557 Dublin Rd., Columbus, OH 43220

## Miscellaneous

Retreads (WW1 & 2)—(Oct) Walter Brock, 601 W. Old Highway 80, White Oak, TX 75693

## Look at these



neat numbers.



\$2.50 to \$9 profit per pair.



## Make money the Mason Shoe Way!

How many orders could you write for shoes like these, if all you had to do was show your friends the styles and let them pick the one they like best (350 styles to choose from—satisfaction guaranteed)?

Could you sell 1 or two pairs after supper? Saturday morning?

If you could, you'd pick up a quick \$2.50 to \$18.00 extra, depending on how many pairs and which styles you sold.

We've got them all—men's, women's dress, sport, work and safety shoes. Matching handbags for the ladies, too.

Need money now? That's the nice thing about writing orders for Mason Shoes—you get your profit right when you take the order.

And, there's no investment, ever. All you need to get started is our catalog. All you have to do to get the catalog is mail the coupon.

Read the coupon before you decide.

## MASON SHOE MFG. CO.

Dept. G-861

Chippewa Falls, Wisconsin 54729

Send me your FREE giant color catalog of 350 new and exciting shoe styles. Tell me how I can make \$2.50 to \$9.00 profit per pair. And tell me how I can earn shoes for myself while I'm at it!

Name

Address

City

State

Zip



# HEMAN'S RING

## 18 Kt. GOLD Electroplated!

### 13 Brilliant, Fiery Simulated DIAMONDS!

More than  
One Carat!



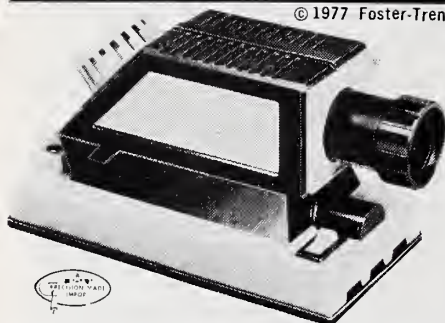
**\$10**

Here's a massive **Men's Ring** with real eye-appeal — you'll impress everyone who sees you wearing it! 13 perfectly matched, brilliant, clear white simulated diamonds with the cut and faceting of genuine diamonds costing thousands of dollars! Set in a rugged, masculine mounting finished in gleaming, genuine **18Kt. Heavy Gold Electroplate**—so beautifully and skillfully made that only an experienced jeweler could tell the stones aren't the real thing! Please be sure to include ring size when ordering.

**No. 5124—Men's Simulated Diamond Ring \$10**

## NEW EPISCOPE PROJECTOR

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This new 1977 **Episcopes Projector** projects directly from snapshots, books, even solid objects like coins, mineral specimens, etc. Fine reflector and mirror system, hi-intensity projection bulb, and optical projection lens that enlarges images up to 16 feet square! Rugged two-tone body and base with cooling vents and "on-off" switch built in. Comes in carrying case with handle. Complete instructions included.

**No. 4500—1977 Episcopes Projector .....\$9.95**

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Please RUSH guaranteed articles as specified below. I enclose payment with this condition: I must be completely satisfied or I may return within 7 days for my money back at once.			
Please enclose \$5.00 with order to cover shipping cost. (N.Y. State residents add appropriate sales tax).			
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N.Y. State residents please add appropriate sales tax			
Total			
My Ring Size is .....			
Name .....			
Address ..... Apt. # .....			
City .....			
State ..... Zip Code .....			

(CONTINUED FROM PAGE 22)

## Is LNG the Answer?

generators, twelve LNG vaporizers and 10 giant pumps. Also, warm water vapor compressors, fire water tanks, an administration and control building, etc.

A typical plan requires controlled extraction and piping of gas from the wellhead to a liquefaction plant, processing the gas into liquid form and pumping the liquid into an LNG tanker. On arrival, the LNG must be cautiously pumped to storage tanks ashore. From storage tanks the liquid is piped to vaporizers that change it again to gaseous form. It is then ready to be odorized, metered and channeled into pipelines for distribution and resale.

Liquefaction and storing of LNG are not as simple as freezing water in an ice tray. These represent the peak of cryogenic technology. Only a handful of American and foreign companies have the expertise.

Safety is always a prime concern. During the initial state of vaporization, the cold gas is heavier than air and tends to remain close to the surface until it warms and dissipates. This characteristic puts a premium on safety designs in any LNG facility or tanker.

LNG tankers are costly and complicated to build. A 125,000 cubic meter LNG carrier costs around \$55 million. Larger carriers cost \$100 million and more. Much of this expense is caused by technical problems related to handling a fuel that could make a LNG carrier a "floating bomb." Even if the carrier itself escaped an explosion aboard, a spill could result in a highly inflammable cloud 1.6 miles long. If such a cloud were not dispersed in 45 minutes, destruction could result over a three-mile radius.

These hazards require special insulation designs and materials in tankers. LNG demands double-hull construction for absolute isolation of the extremely cold liquid.

To control spills if they should occur, LNG carriers must have automatic, individually activated systems to cut off LNG flow immediately, backup fire-fighting systems, gas and pressure sensing devices, bowthrusters for maneuvering control, updated navigation, communication and collision avoidance systems.

And every safety precaution sends costs soaring.

An interesting feature with LNG carriers is their ability to utilize a mixture of boil-off gas and oil. About 2½ percent of the liquid cargo boils off (vaporizes) during the journey.



Russians lay pipe for natural gas line covering 1,270 miles from western Siberia to central area of Soviet Union

The boil-off can be used to fuel the steam turbines on both legs of a round trip, thus saving substantial costs of bunker fuel.

To appreciate the unique role of an LNG tanker, appreciate that transporting two trillion BTU's half-way around the globe in gaseous form would require a tanker 110 miles long and 15½ miles wide. Every unloading is the equivalent of 523,000 barrels of heating oil—enough to heat 2.5 million homes in freezing weather or to generate electricity for a city of 85,000 for an entire year.

Worldwide orders for LNG tankers are significant. According to H. P. Drewry (Shipping Consultants) Ltd., London, the world LNG fleet as of Jan. 1, 1976, totaled 33 tankers averaging 47.6 thousand cubic meters (liquid capacity). Scheduled deliveries involve an additional 46 tankers with an average capacity of 111.1 thousand cubic meters.

Foreign LNG shipbuilding competition is keen. European yards have 17 tankers under construction. Japan is building three. France has 13 LNG carriers on order. Norway has two tankers under construction. West Germany is building two 125,000 cubic meter ships. Belgium is building a mammoth 131,500 cubic meter ship. Swedish LNG shipbuilders command great expertise, having contributed notable innovations in insulation design. They plan a new generation of ultra-large 332,000 cubic meter carriers.

America's competitive presence with LNG carriers comprises four companies. Avondale Shipyards is building three carriers for El Paso's subsidiaries, General Dynamics' Quincy, MA yards—world leader in LNG carriers—has 10 ships under contract. Newport News Shipbuilding is constructing three for El Paso. Sun Shipbuilding and Drydock has orders from Pacific Marine Lighting for two 130,000 cubic meter—4 percent larger than the others.

Also under development are float-  
(Continued on page 38)



# How to Add 20 to 40 Pins to Your Bowling Average – Guaranteed!

From this moment on, forget everything you've ever read or been told about improving your bowling skill and enjoyment—because almost overnight you can add 20 to 40 pins to your average.

Sound impossible?

Well, it's not!

Let me explain.

Quite by accident I stumbled onto the real secret of bowling success—and I improved my own bowling average by 32 pins.

And, I'm going to ask you to send me 7 dollars for the secret, even though its only a few minutes worth of reading material. I hope to make it so appealing that you'd be crazy not to do it.

What difference does it make if it takes you only a few minutes to learn the secret—if it works?

And suppose, I'm so sure that my bowling improvement method will work for YOU too—that I'll make you an ironclad, no-risk guarantee? Here is that guarantee.

My secret method **MUST** improve your three-game average by at least 20 pins—or send it back. Your money will be returned that very day. I'll even return the money it cost to return the method.

Sorry, but I can't send my secret method and bill you later, or send it C.O.D. That takes too much book-keeping and it's a bother. And anyway, I'm about to give you what you've been searching for—a foolproof, easy way to get more strikes and pick up more spares that's absolutely guaranteed to work or your money back without quibble or question.

Frankly I'm not sure of the technical reasons that my bowling improvement method works so well—it just does. It's a simple, new way to “smarten up” your technique.

I'm the living, breathing proof that my secret method works. It works for women, too. A friend of my wife's who bowls in the local woman's league tried my plan and brought up her average from 133 to 164.

Now that may seem like a boast about my method, but I want to assure you that sending me 7 dollars for my secret is the smartest thing you've ever done.

Because, if you are anything like I used to be—you are being robbed of the real pleasures of bowling.



Just imagine how much more fun bowling would be if you almost always hit the 1-3 pocket—if you picked up the 7-10 split more than half the time—if you hardly ever had an open frame—if your average soared 20-40 pins.

My secret method will do all this for you—and more—or it won't cost you a single penny. Fair?

But now back to me.

For years I struggled to improve my average. I tried everything I could—practiced two or three times a week (when I could afford it)—bought expensive shoes and even my own personal bowling ball. None of these helped me one bit.

Then I discovered the real secret of bowling improvement—the real secret that improved my average 32 pins. And, it's consistent.

I did better than I ever thought possible—improved more in just a couple of weeks than I had in more than two years.

It's a real pleasure to go bowling now—to have the third-highest average in our local league—to be the anchor man on my team—never to choke up under pressure—to have the regular thrill of getting at least one turkey every time I bowl—to have the fun of knowing that I'm a really good (but not great) bowler!

And I'll show you just how I did it—in a report I call “The Andy Carter Bowling Improvement Method”—a

secret that I've shared with only a few close friends till now.

When YOU follow simple, easy-to-understand, easy-to-follow method, I'll guarantee that your average will soar just as mine did or your money back.

I feel certain it makes no difference whether you are a man or a woman (it works for both)—whether you are young or old—whether you've taken lessons or not—**MY METHOD WILL WORK** or it won't cost you a single penny.

There is only one way to see if I'm right—to get your guaranteed copy of “The Andy Carter Bowling Improvement Method”—and that's to order it right now —by mail. It is not available at any store in the world.

And, you might be interested to know that it has been Registered and Copyrighted with the U.S. Government so that the secrets cannot be stolen or copied.

Furthermore, you can order without a worry in the world because you are fully protected by this ironclad guarantee. Your bowling average must improve by 20 to 40 pins **OR YOUR MONEY BACK** without quibble or question.

So, to get your guaranteed copy of “The Andy Carter Bowling Improvement Method” simply complete and mail the no-risk coupon as soon as you can—**TODAY** if possible.

If the coupon is missing, just write the word “Bowling” on any piece of paper and send it to me: Andy Carter, 31 Hanse Avenue, Freeport, N.Y. 11521.

Make check payable and mail to:

**Andy Carter**  
31 Hanse Avenue, Dept. 77-215  
Freeport, N.Y. 11521

Yes, I want to add 20 to 40 pins to my bowling average. Rush me a guaranteed copy of your **Bowling Improvement Method #R4235**. Here is my \$7 as payment in full. I am protected by your ironclad guarantee—money back if not 100% satisfied and delighted.

Print Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip # \_\_\_\_\_



## Is LNG the Answer?

ing LNG liquefaction plants built on barges that can be moored to receive, treat, liquefy and store LNG without a need to anchor off crowded harbors. Norway's Moss Rosenberg Co., noted for its LNG experience, has teamed with Gotaas-Larsen, the U.S. shipping company, to offer contracts to construct floating plants in three to three and a half years at prices from \$290 to \$327 million.

Spain is also competing.

Orders for LNG ships have been a boon to the sagging U.S. shipbuilding economy. In 1972, General Dynamic's shipbuilding yard almost closed from lack of orders. Gambling on LNG's future, the company committed two years and millions of research dollars for development. Now General Dynamics has a backlog of over 1.1 billion, involving 12 carriers.

U.S. yards, hard hit for years by foreign competition, find themselves uniquely equipped to compete in LNG carriers because these ships are, for the most part, custom-made and do not lend themselves to mass production techniques. This skill, plus government subsidy and bond financing, has revived the industry. But the revival could be short-lived. The Drewry study estimates a 687,700 cubic meter surplus of LNG carrier supply by 1980 unless there is more progress in building liquefaction plants and unless foreign countries expand exports and the U.S. Government permits greater gas imports.

Currently, the FPC has limited LNG imports to 0.8 to 1.0 trillion cubic feet from any one country. A total ceiling of two trillion cubic feet is now the accepted guideline.



"Let's face it, Eddie, we're not contributing our fair share to the gross national product."

Thomas A. White, former chairman of the American Gas Association's Gas Supply Committee, urges instead a limit of three to four trillion cubic feet per year. Three trillion cubic feet, he says, would amount to only 3 percent of the total U.S. energy requirements. White stresses that every trillion cubic feet of gas not imported increases U.S. dependency on foreign oil by nearly 500,000 barrels per day.

Edwin M. Hood, president and board chairman of the Shipbuilders Council of America, says over-dependency on imported gas shouldn't cause concern until imports reach a 10 percent proportion.

LNG's foreign import limitations were set during President Ford's administration.

LNG importing is a high-capital undertaking. Many gas-endowed countries lack adequate capital to erect a liquefaction plant. The deal with Sonatrach, Algeria's national oil company, called for Sonatrach's building, operation and ownership of the liquefaction facility. El Paso would construct and operate the LNG tankers. Financing would come from the U.S. Export-Import Bank (ExImbank), a federal agency created to facilitate the export of goods and services. ExIm loaned Sonatrach \$157.4 million and guaranteed an equal amount to commercial banks willing to participate. The loans will be repaid over 18 years. Algeria must buy its plant materials and equipment from U.S. companies.

America's need to reach for gas energy from overseas invokes searching questions related to energy policy both at home and abroad. The impact of the Organization of Oil Exporting Countries (OPEC's) cartel prices for oil have sent shocks around the world resulting in inflation, recession and unemployment. Whether or not foreign gas producing countries will band together to create a cartel is conjectural.

Historically, gas has been a bargain fuel and was even more so when oil went from \$2.50 a barrel to more than \$14.00. But gas prices are expected to follow oil's upward spiral. Yet, if we buy foreign LNG, we are somewhat less dependent on oil imports.

LNG costs more than domestic gas and probably always will. Current FPC policy is to "roll-in" (average) LNG with domestic gas prices. Domestic gas sold interstate is now \$1.44 per thousand cubic feet; compared with Algerian gas that will cost us \$3.30 per thousand cubic feet.

LNG is acceptably safe, says Science Applications Inc., a national



"Do you believe in the heretofore?"

THE AMERICAN LEGION MAGAZINE

scientific research firm which does risk studies for government agencies. By creating mathematical models with computers to simulate large LNG spills at sites, SAI determined that even for persons living within five-eighths of a mile from a storage facility, the chances of their dying in a fire of general origin would be 500 times greater than their dying in an LNG blaze. The U.S. Coast Guard has testified that enough is known about its handling for it to be safely transported in U.S. waters.

Before pipeline companies are awarded site approval, they must pass demanding standards of such federal authorities as Corps of Engineers, Department of the Army, Environmental Protection Agency, Federal Aviation Administration, Federal Power Commission, Materials Transportation Bureau, Occupational Safety and Health Administration (OSHA). Also state and local agencies have regulations, including fire departments, harbor commissions, planning departments and city councils.

Worldwide gas inventory literally represents a sea of gas that can be liquefied and transported. Russia, the best gas-endowed country, has been considering liquefaction of its Siberian resources. With technical help from U.S. companies, a pipeline from Tyumen to Murmansk, an Arctic Circle port, can be laid for LNG tankers to ferry gas to the United States and other Western buyers. Whether or not this \$8 billion agreement ever comes off depends upon the trade climate between the United States and the USSR.

The gas company executives involved with the race for LNG are really gamblers operating in a complex and sophisticated arena that makes Nevada casino action pale by comparison. The stakes are astronomical. The problems of negotiation, technology, financing and logistics are staggering. But America needs supplemental gas.

—Maury Delman



## When Texas Struck It Rich

valve. Oil rushed out the horizontal arms of the T. Ever so gently, they twisted the valves at the ends of the pipe. "The roar began to change pitch, to sound more shrill," a report says, "but less and less oil was coming out of the pipe with each cautious quarter-turn of the valve handles." And, incredibly enough, the roar finally stopped once the valves were completely closed.

The crew scattered for cover. The valves or the pipe or the steel plate might come sailing off the well at any moment. A minute passed. Nothing happened. Then another minute. Still nothing. "Why, that silly looking pipe thing really works," one brother said with a nervous laugh, adding it "looks just like a Christmas tree." The name stuck, though in formal oil field terminology it's referred to as a "well head valve assembly."

Overnight, oil turned Beaumont into a boisterous, oil-crazed city that increased its population from 9,000 to over 50,000 in three months.

The lobby of the prim and proper Crosby House became a rip-snorting den of pandemonium.

A grocery clerk, who had bought four acres of farmland for \$60 near the hill several years before, banked \$100,000 for it a few days after Spindletop blew in. A woman garbage collector known as "Mrs. Slop" sold a lease on her pig pasture for \$35,000. Even land previously worth \$8 an acre far from the gusher was divided into 25x34-foot lots that went for as much as \$40,000 each. Tracts on Big Hill commanded fantastic prices, a single acre bringing \$1 million and none less than \$200,000. One syndicate reaped a mint by selling drilling sites just large enough for a derrick.

Before Spindletop, oil was used mainly for lamps and lubrication. Afterwards, black gold was so plentiful in the United States that it sold for three cents a barrel—while water fit for drinking was so scarce in Beaumont that a barrel brought \$6. Americans now had a surplus of cheap fuel to burn—and they did exactly that. A ton of coal cost \$3.50. The equivalent in oil, even at 20 cents a barrel, was 60 cents. The upshot was that oil rapidly replaced coal in locomotives, factory furnaces, power plants, residential stoves and heaters, and in ships.

Then came the automobile, the ultimate consumer of a crude oil by-product—gasoline. In 1895, there were just 300 autos in the nation;

by 1914, there were 1,700,000.

Exploration led to the discovery of new fields in Texas and in other states where oil had hardly been given a second thought before. The Texas Fuel Oil Company was formed, which blossomed into The Texas Company or Texaco. The Guffey Petroleum Co. eventually became the Gulf Oil Corp. Captain Lucas sold his interest in the original company for \$400,000 plus 1,000 shares of stock in the new amalgamation, traveled the world over, and retired to live in Washington, DC.

And Patillo Higgins? Well, he put every penny from Spindletop into a company to explore other possible

oil domes on the Louisiana coast. The company was a total failure. He remained philosophical though. "Those mosquitoes in Cameron Parish would have eaten me alive," he good-naturedly told reporters shortly before his death in 1955, at 92.

A certificate hanging in his office had always meant far more to him than any amount of money. Signed by 32 of Beaumont's leading citizens and dated December 3, 1901, it read in part: "Mr. Higgins deserves the whole honor of discovering and developing the Beaumont oil fields. He located the exact spot where all the big gushers are now found."

—Lynwood Mark Rhodes

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## DENVER—Convention City 1977



Denver campanile is called perfect replica of bell tower of St. Mark's Cathedral in Venice, Italy

Distinguished Service Medal—its highest award—will be Dr. Howard A. Rusk of New York's World Rehabilitation Fund, Inc., a pioneer innovator of prosthetic devices for disabled veterans, paraplegics and others immobilized by illness.

Convention sessions will be held in modern Currigan Hall. Its size and flexibility will permit a joint Legion-Auxiliary banquet and dinner dance on Tuesday evening, Aug. 23.

The annual "Musical Spectacular," the finals of drum and bugle corps competition, is set for 7 P.M., Aug. 20 at Mile High Stadium.

Few visitors to Denver are aware of any discomfort from the city's mile-high altitude, but there is 25-33 percent less oxygen content in the atmosphere due to the lighter pressure. Persons who plan strenuous activities or who have a history of heart, circulatory or lung ailments might wish to consult their physicians. On the plus side, however, the altitude quickens one's awareness and sharpens reactions. Little wonder that Denver has come so far, so fast.

—Ray McHugh

(CONTINUED FROM PAGE 10)

## BEGINNING OF THE VICTORY

tachments. The dragoons halted and turned to right and left in confusion to meet this unexpected enemy.

At once Stark ordered his men forward.

"One more charge, boys!" he shouted. "Come on, you fightin' wildcats, mow 'em down!"

Stark's horse was shot under him. The general was thrown clear, leaped to his feet and led his men against the hasty defense Breyman had managed to establish. The Hessians broke in disorder and fled, disregarding the raging of Breyman.

When Stark tallied up the result of the day's fighting he found he had captured four brass cannon, several hundred stand of arms, eight brass drums, many German broadswords and 700 prisoners. The enemy had lost 207 men killed and an unknown total wounded, while Stark's losses were 30 killed and 40 wounded.

On October 7, while resting at home, Stark received by special express an oiled cloth package from the Congress of the United States. He stared down at the document it contained and read the message twice before he handed it to Molly and turned away, lest she see the tears in his eyes.

"They . . . they've finally realized your worth," she said unsteadily.

"Oh, John, I'm so happy!"

When she had control of her voice she read aloud: "Resolution dated October 4, 1777—that the thanks of Congress be presented to General Stark of the New Hampshire militia and the troops under his command for their brave and successful attack upon and victory over the enemy in their lines at Bennington; and that Brigadier Stark be appointed a Brigadier General in the Armies of the United States."

## Epilogue

On September 30, 1783, in view of John Stark's long and honorable service, Congress appointed him a Major General by brevet.

In July 1809, he wrote his regret at being unable to attend a reunion of veterans of the battle of Bennington, ending the letter with: "Live free or die; death is not the worst of evils."

John Stark died May 8, 1822, at the age of 94, the last surviving general of the American Revolution. He was buried with full military honors beside Molly, to whom he had given a lifetime of love and devotion in a country which, through two bloody wars, he had helped in large measure to make free.

—Vic Whitman

(CONTINUED FROM PAGE 17)

## ELECTRIC CAR

to hold the cost to \$5,000 and the cost of operation over 100,000 miles to 15 cents a mile.

Overseas, Chrysler U.K. (Great Britain), Chloride Group and National Freight Corp. are building a "Silent Karrier" van that has a top speed of 40 mph and a cruising range of 40 miles. Developers are working on a sodium sulfur battery that could boost the range to 100 miles. (Britain reportedly has 50,000 battery-powered short haul vans in operation.)

Detroit sees the electric as a subcompact or even smaller car serving as a commuter vehicle to the shopping center, the school or the tennis court. They do not regard it as feasible on expressways where traffic rolls at 55 miles an hour and more.

An electric car also is being tested by the U.S. Postal Service. AM General, a division of American Motors Corp., has delivered 350 Jeep-sized vehicles to the Postal Service.

—Al Rothenberg

*Editor's Note: Mr. Rothenberg is the executive director of the Automotive Information Council.*

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## LIFE IN THE OUTDOORS

# Make Your Own Gear

**A** LONG with everything else, the prices of outdoor equipment have been climbing the ladder of inflation. In some cases the prices have jumped over 20 percent during the past few years. Fortunately there is a happy solution, of which many outdoorsmen might not be aware. You can save more than 50 percent by making your own! And it isn't as difficult as you might expect.

A dozen companies have joined the new industry. Initially the kits were sold by mail-order, and most still are, but recently the sporting-goods stores have been stocking them. They cover most of the items of cloth, fiber or plastic the sportsman needs: jackets, game and fishing coats and vests, trousers, ponchos, sleeping bags, and tents. Padding is either down or synthetic. And all clothing is offered in children's sizes also. Besides material and insulation, the kits include buttons, grommets, Velcro fasteners (self adhering), zippers, laces, even thread. And it doesn't require a skilled seamstress to put everything together, although it's true she could do the job in much less time. There are no patterns because each piece of material is already cut to size and shape, and instructions are detailed so you can't make mistakes. If you should run into a snag, ship it to the company and they'll solve it for you. Almost the entire project is sewing, and for this you will need a sewing machine unless you can afford to spend the time hand-stitching. If the material is leather, heavy plastic or canvas, the machine must be heavy-duty. If you don't own a sewing machine, you can rent a used one from a local dealer for a few dollars.

Here are some of the savings: a \$100 down sleeping bag for as little as \$35, a \$30 insulated vest for \$15, a \$50 zippered waterproof parka with hood and pockets for \$20 (synthetic insulation: \$30, down insulation: \$50), insulated mittens for \$15, an insulated short jacket for \$20. Installing the insulating down or dacron in a quilted garment might seem difficult but it isn't. The insulation for each compartment of the quilting comes in its own little plastic bag, easily

emptied at the right place. One company uses water-soluble bags; put the entire bag into the compartment and when the jacket is complete, soak it in water and the bags will disappear! Your finished product might not win a prize at a fashion show, but there are no fashion critics in the forests or on a trout stream. And it will be as serviceable as the ready-to-wear kind.

**KEEP** warm on a chilly night by taking the advice of Alvin Stewart of Sanford, NC. On the spot where he plans to pitch his tent or place his sleeping bag, he first builds a fire, then carefully rakes away all coals and embers before laying out his sleeping gear. The ground beneath him keeps warm all night.

**CRAWLING** insects are a nuisance in camp, especially at night when they want to crawl in bed with you. To foil them, Edward Orleman of Lawtey, FL, sleeps on a folding cot and stands each leg of it in a medium-sized can half-filled with water.

**EASIEST** way to clean fish, we're reminded by Mrs. A. J. Augustine of Rio Rancho, NM, is with an old toothbrush. After the fish has been opened, a few brush strokes will remove completely the dark bloodline along the backbone.

**USE** ice-cube sinkers, suggests Herb Raith of Pittsburgh, PA. Before freezing the cubes put a swivel in each, one end held above the water by a toothpick through its ring and lying across the top of the tray. Carry in an insulated bucket. To use, attach the swivel to a snap-clip on your line. Adds weight for casting. Won't work with sinking lures until the ice melts because it floats.

**WHEN** sleeping in a station wagon on a camping trip, says G. D. Kent of Lansing, MI, take along a window cleaner that makes a white film over the glass. Coat the windows with this at night, and wipe off in the morning. This will provide curtains at night and nice clean windows for driving next day.



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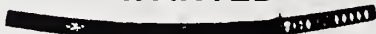
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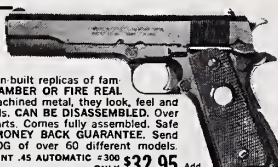
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That's right, these precision-built replicas of famous firearms **CANNOT CHAMBER OR FIRE REAL AMMUNITION!** Made of machined metal, they look, feel and weigh same as the originals. **CAN BE DISASSEMBLED.** Over 30 blued, hand-finished parts. Comes fully assembled. Safe and perfect for display. **MONEY BACK GUARANTEE.** Send \$1.00 for COLOR CATALOG of over 50 different models. Model shown: U.S. GOVERNMENT .45 AUTOMATIC #300. **\$32.95** Add \$1.50 Postage.

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**\$10 to \$20 in an hr!**

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## PERSONAL

### NEW TWISTS FOR TIRE BUYERS. SELF-HELP GROUPS LEND A HAND. AUTO INSURANCE CHECKUP.

Buying tires ever has been a mind-boggling chore, but this fall some new twists will be added. Here's what you will find:

1) **Guarantees are being reduced.** "Road hazard" and "treadwear" warranties are discontinued. In their place, some makers merely are guaranteeing against defects, though dealers here and there are devising warranties of their own for competitive reasons. So shop around.

2) **The National Highway Traffic Safety Administration soon will issue uniform quality grading standards** based on 1) treadwear, 2) heat resistance and 3) traction. The idea, of course, is to make quality comparisons easier for a buyer; but remember that you'll have to learn the grading system and then hunt among 175 individual designations.

Meantime, tire prices are up in a range of 10 percent to 15 percent over last year. Based on data compiled by *Modern Tire Dealer*, median prices today are about \$34 for a bias-ply tire; \$42 for a bias-belted, and \$65 for a radial.

★ ★ ★

If you're worried about a family problem, obesity, stress, aging, smoking, the effects of chronic illness—or any of literally scores of problems—chances are there is a "self-help" group in your vicinity willing to give you a hand.

Thousands of such groups have sprung up in the past couple of years to cope with the moral, mental, physical and economic problems of modern society. Their common characteristics:

1) **Members share experiences and solutions to difficulties.** In short, participants teach each other and mutually shore up each other's morale. Professionals usually are consulted only sparingly.

2) **The groups are self-supporting** via modest donations.

3) **Organizational structures are free-wheeling.** There's little "rank" or "brass."

Although there's no accurate count of self-help groups, the biggest number probably is in the health area (including mental health). A recent rundown shows about 75 types of health organizations, ranging from rare-blood clubs to psoriasis research to wheelchair athletics.

For a line on self-help groups (they're hard to keep track of) appropriate to any problems you or your friends might have, contact Self-Help National Clearinghouse, 184 Fifth Ave., New York, NY 10010.

★ ★ ★

Before you or your family do any interstate driving, **check your insurance to see whether it complies with other states' "financial-responsibility" laws**—many of which lately have been hiked.

Such laws specify how much money you must be able to guarantee in case of an accident. The figures (which vary state by state) now go as high as \$25,000 for a mishap causing bodily injury to one person; \$50,000 to two or more, and \$10,000 for property damage.

Meantime, when you visit our neighbors to the north or south, remember:

**CANADA:** Usually your U. S. policy will cover you adequately, but ask your insurance company to provide you with a "yellow card" as proof of your responsibility. Another point about Canada: If you take a CB radio along, you'll need a permit for it from Canadian Customs (you can get it in advance).

**MEXICO:** U.S. insurance isn't honored here. You need a special policy issued by a Mexican company. You can buy this at the border for \$10 to \$15 per week (be sure the insurer gives you a list of his agents and adjusters). As for your CB: Leave it at home, it's taboo in Mexico.

*By Edgar A. Grunwald*



# NEW! SHARPENER FOR YOUR NORELCO® SHAVER!

Guarantees Smoother, Cleaner, Faster Shaves!

*New Rotary  
Sharpener  
Hones Dull  
Blades to  
A Razor-  
Sharp Edge  
In Seconds*

Only \$**3**<sup>99</sup>

Less than the  
cost of a  
new set of  
blades!



**90 DAY**

## MONEY-BACK GUARANTEE

Stop throwing away money on expensive replacement blades! Order our ingenious new Sharpener for your NORELCO® Shaver Today! (Fits all NORELCO® shavers.) It must hone your blades to surgical sharpness in seconds . . . and keep your razor new-shaver-sharp for years and years—or you may return within 90 days for prompt refund of purchase price.

**KEEPS YOUR  
NORELCO® SHAVER  
SHARP FOR YEARS  
AND YEARS!**

Now . . . you can enjoy the same close, comfortable shave you got when your NORELCO® shaver was new! Without the inconvenience and expense of replacing blades!

Our ingenious new rotary sharpener does the trick in seconds! Scientifically designed to give your blades the sharpest edge possible, it's completely safe and easy to use! Once a month, just place the sharpener over your shaving head and switch on the shaver motor . . . to hone your blades to surgical sharpness in seconds! Do each head in turn . . . and your razor will give you a smooth, fast shave every time!

Our Shaver Sharpener fits every NORELCO® shaver made! And we're so sure your face will feel the wonderful difference, we'll refund your money in full within 90 days if you're not completely satisfied!

Order your Sharpener for your NORELCO® shaver today for only \$3.99! It's a small price to pay for years of new-shaver-close shaves!

The Jay Norris Corp. is not affiliated with NORELCO®. ®Registered in the United States Patent Office by North American Phillips Corporation.

**BUY WITH CONFIDENCE! ORDER TODAY!**

**Jay Norris Corp., 31 Hanse Ave.  
Dept. 77-201, Freeport, N.Y. 11521**

Please rush me \_\_\_\_\_ Sharpener(s) #R426  
for my NORELCO® Shaver @ \$3.99 purchase  
price plus 70¢ shipping and handling.

( ) SAVE! Order TWO for only \$7.50 purchase  
price plus 85¢ shipping and handling.

Enclosed is ( ) check or ( ) money order  
for \$ \_\_\_\_\_

Sorry, no C.O.D.'s—(N.Y. residents add sales  
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**JAY NORRIS** CORP.

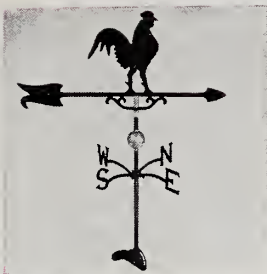
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Serving Satisfied Customers for over 25 Years



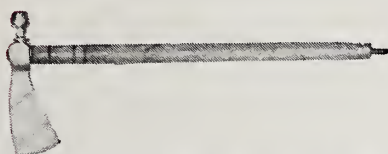




# THE AMERICAN LEGION SHOPPER

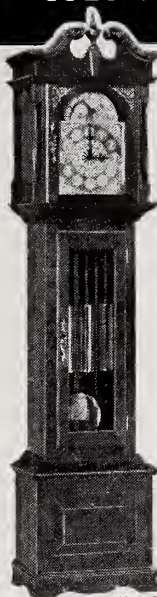


**WIND DIRECTION AT A GLANCE.** Weather Vane, Crowing Rooster will add the finishing touch to your home. Perfect for garage, farm or ranch too. Rust free anodized aluminum. Arrow 23" L; Support 27" H, \$9.95 + \$1.85 post. Order from J. W. HOLST, Inc., Dept. AL-87, 1864 E. US-23, East Tawas, Mich. 48730.



**INDIAN TOMAHAWK** Steel Head Peace Pipe. Can be used for display as a weapon or smoked. A fine collectors item—or puff away with friends or foes. Overall Length 18"—Wgt. 1 1/4 lbs. Model No. K-9—\$5.00 ea. WESTBURY SALES CO., Dept. TM-8-AL, P.O. Box 434, Westbury, N.Y. 11590

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### LIKE A HELPING HAND.

Many people—senior citizens, arthritics, and those suffering from Multiple Sclerosis, Muscular Dystrophy or Parkinson's disease—need help getting in and out of a chair. The EASY-LIFT power cushion recliner gently lifts you forward as well as up to a semi-standing position. The lifting angle adjusts to fit your needs, controls are easy to reach, and it runs on household current. EASY-LIFT—like a helping hand.

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Pumps Water Out or In by the TON

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## Heart condition keeping you down?

STAIR-GLIDE® stairway lift lets you ride up and down stairs effortlessly, with fingertip control. Installs in 2 hours, is UL listed, runs off of household current, and will not mar walls or stairs.

Three models to choose from: Deluxe, Economy and Outdoor. Rental program available. America's largest selling stairway lift.

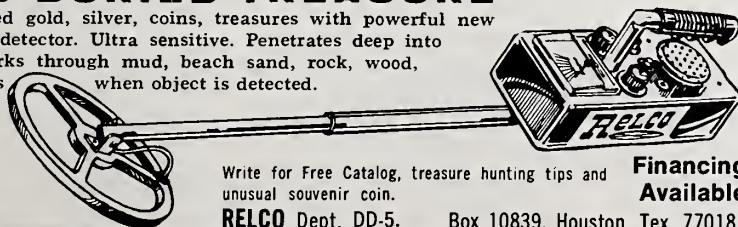
Write for free color brochure and name of dealer nearest you.

### American Stair-Glide Corporation

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EASY DO-IT-YOURSELF INSTALLATION  
Here's AT-HOME-SECURITY only a wall safe can offer.

Keep valuable and irreplaceable items safe from theft, vandalism, loss, etc. Install the tough, new STRONGHOLD Wall Safe in your home.

Mounts permanently into any standard 4" wall in one hour. Cannot be carried off. Easily concealed behind picture. Combination lock, steel construction, 410 cu. in. interior. Adjustable shelf and all mounting hardware included. Satisfaction guaranteed.

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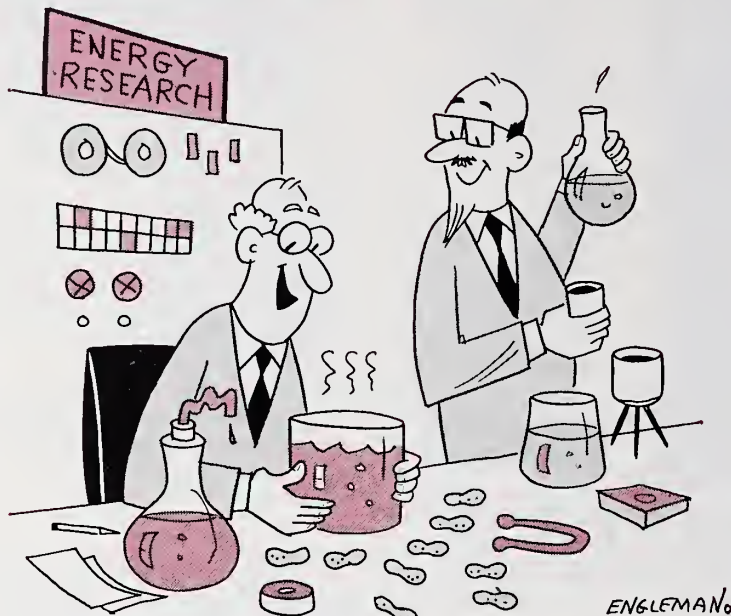
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# Parting Shots



"The President's going to love me . . . I've found a way to make gasoline from peanuts."

ENGLEMAN

THE AMERICAN LEGION MAGAZINE

## OUCH!

"I hope you won't get angry if I point out a few little faults I've noticed about you," said the bridegroom.

"Why should I get angry?" the bride answered. "Those same little faults kept me from getting a better husband."

—FRAN ALLEN

## FAMILY PROBLEMS

The father found his young son sitting on the doorstep looking very dejected.

"What's wrong, son?" he asked.

"Well," replied the boy, "If you must know, I just can't get along with your wife."

—LUCILLE J. GOODYEAR

## DINING OR DANCING?

Diner: "Waiter, one of these chicken legs is shorter than the other."

Waiter: "You gonna eat it, or dance with it?"

—MARY RUDDY

## JAVA HANG-UP

Those who could not sleep after drinking coffee now lie awake wondering where the next cup is coming from.

—GEORGE BERGMAN

## DAFFY DEFINITION

Bureaucracy: That marvelous device that enables ten men to do the work of one.

—GENE FORSTER

## FIRST STEP

Even a turtle gets nowhere until it sticks its neck out.

—SELMA GLASSER

## PSYCHOSOMATIC PSTATEMENT

Said the doctor to the patient on the phone,

In reply to an urgent appeal:

"No, Mrs. Jones, you have it wrong—  
The ailment was imaginary, the *bill* is  
real!"

—RUTH M. WALSH

## ASK ANY MOTHER

Any mother can tell you that a teenager's hang-ups do not include clothes.

—MARY ALLEN

## YA KNOW?

The way some folks repeat "You Know"  
Used to drive me right up the flue

'Til I put it in perspective;

It's just a phrase they're going through.

—R. C. SHEBELSKI

## EVER NOTICE?

Every baby resembles the relative who  
has the most money.

—GENE ALLEN

## MORAL QUARREL?

You feel great when you resist temptation.  
Pat yourself on the back, and then

Realize the awful truth that it

May never come your way again!

—CAROL MAYFIELD

## BIG DIG

Suburbia: Where developers dig up all  
the trees and name streets after them.

—LUCILLE RUDDY

## JOB GEOMETRY

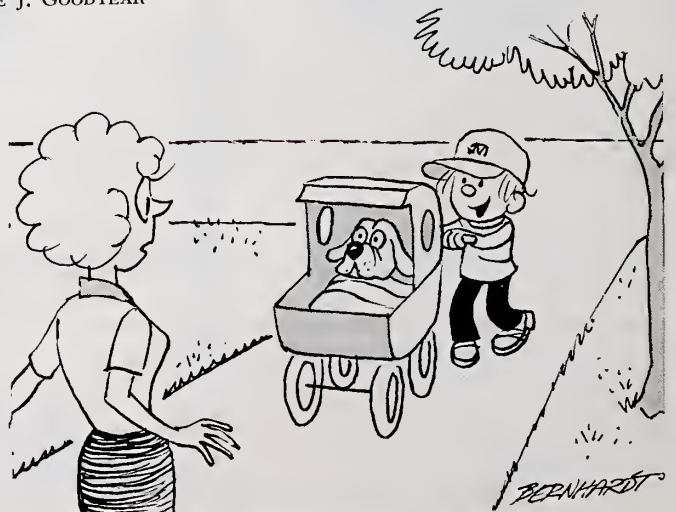
The right angle when tackling a job

Is never to let it dangle. . .

As a matter of fact, the best approach

Would be a try-angle.

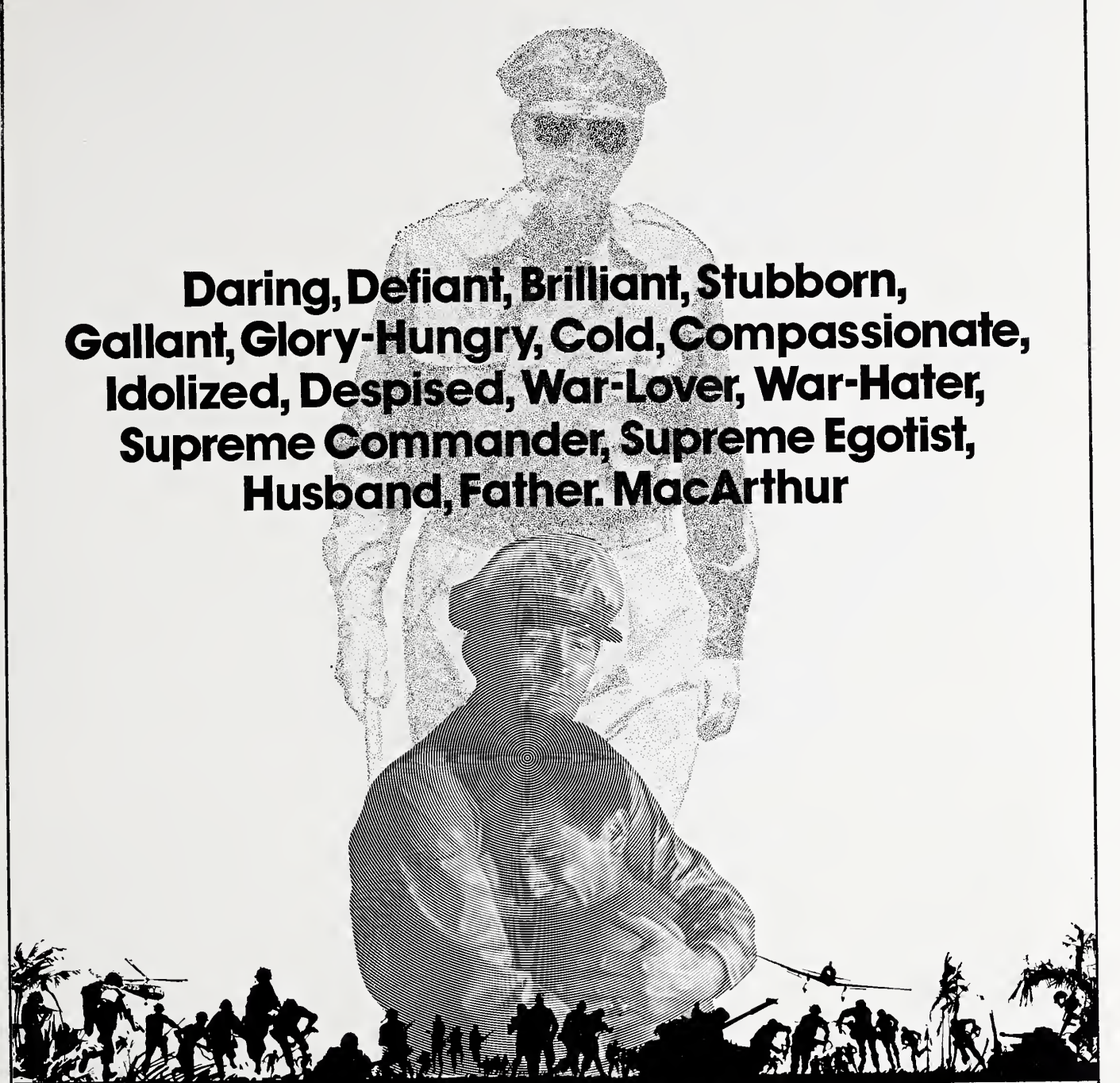
—RUTH RICHARDS



"I made a trade with Suzy Jackson."

THE AMERICAN LEGION MAGAZINE





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Gallant, Glory-Hungry, Cold, Compassionate,  
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TAKE  
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**2 PAIRS**  
**19<sup>95</sup>**  
in your  
EXACT SIZE

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WAY  
BELT  
FREE!

Go with the style leaders! This is the look you'll see in the newest, most expensive executive shoe lines. But you don't have to pay the high prices you see in shoe stores today! Haband, the mail order people from Paterson, NJ sell more than a million pairs of shoes a year because we offer a fine American-made luxury product at important savings!

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Even the  
Boot!  
2  
for  
19<sup>95</sup>

**2** pairs  
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BELT!

But these are  
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SIZE: .....

STYLE	Size	Width
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BROWN Side Buckle		
BLACK Loafer		
BROWN 'Gator		
BROWN Executive Boot		

New  
Side  
Buckle  
Loafer

**2** pairs  
**19<sup>95</sup>**  
Black  
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&  
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Use Coupon  
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